

2019 PRODUCT CATALOG



Sensormatic
by Johnson Controls

The Sensormatic Difference

High-Performance Loss Prevention Solutions Trusted by Retailers Worldwide



Sensormatic Solutions is a global leader in enabling smart and connected shopper engagement with nearly 50 years of experience serving customers ranging from store boutiques to global retail enterprises. Our solutions deliver real-time visibility and predictive analytics for accurate decision-making across the enterprise, enabling retailers to confidently move into the future.

Backed by over 1,500 patents, the genuine Sensormatic portfolio offers comprehensive merchandise protection for nearly every high-theft, high-velocity category. Our suite of EAS labels, hard tags, detection systems, detachers, deactivators and more are engineered to enable open merchandising and reduce theft in virtually any retail environment. Beyond traditional EAS, the innovative Google Cloud-based Sensormatic Shrink Management as a Service (SMaaS) provides device management, along with predictive analytics to help reduce shrink, improve sales, and optimize staffing.

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One of the most trusted names in loss prevention, Sensormatic solutions feature high-performance technology and real-time analytics designed to help optimize merchandise protection, reduce shrink and preserve bottom-line profits. Sensormatic Solutions powers operational excellence at scale with smart offerings for frictionless shopper experiences.

Our technologies include:

- **Acousto-Magnetic (AM) Technology:**
High-performance Sensormatic acousto-magnetic (AM) technology provides industry-leading EAS detection rates to promote open merchandising for increased sales and a better customer experience.
- **Acousto-Magnetic/Radio Frequency Identification (AM/RFID) Technology:**
Our dual AM/RFID option lets retailers enjoy AM shrink deterrence with RFID item-level inventory visibility to optimize product availability and improve operations throughout the entire retail enterprise.
- **Radio Frequency (RF) Technology:**
Our RF portfolio offers an affordable, attractive anti-shoplifting solution that promotes open merchandising for a variety of retail environments.

For more information on our solutions or to purchase any of our applications, visit www.sensormaticsolutions.com and find a sales representative near you.

"Sensormatic Solutions has installed Sensormatic® EAS pedestals and hard tags in all our stores. They are fantastic, helping us significantly reduce our **shrinkage rates** by **70-75%** annually! With their superb after-sales service and fast response time, our overall experience with Sensormatic's EAS systems has been excellent."



InFuzion SuperTag

The Sensormatic InFuzion SuperTag combines top-of-the-line merchandise protection and ease of use into a secure, one-piece system. With proven high-performance AM technology, this defeat-resistant tag is designed to provide operational savings while freeing associates to spend more time assisting customers.

InFuzion features an integrated pin that reduces the application process from two steps to one. This allows retailers to spend less time tagging in-store and easily remove the tag at the point-of-sale to help see significant labor savings and improve front-end checkout efficiencies. Plus, the integrated pin helps eliminate the cost of replacing lost or broken pins.

Retailer Values

- // Reduces time and labor required to apply and remove tags when compared to traditional two-piece tags
- // One-piece design helps eliminate the need to sort and store pins separately
- // Speeds up the front-end check-out process with easy tag removal at the point-of-sale

Suggested Solution Application

Apparel, Denim, Outerwear, Sportswear

Product Codes

AM Technology
ZLAMT6200-G: Gray

Product Compatibility

Detachers
SuperTag
SuperTag Manual Handheld

Detacher Type

SuperTag

Environmental Constraints

Temperature
Maximum storage temperature not to exceed 66°C (150°F) for 96 hours at 80% RH.

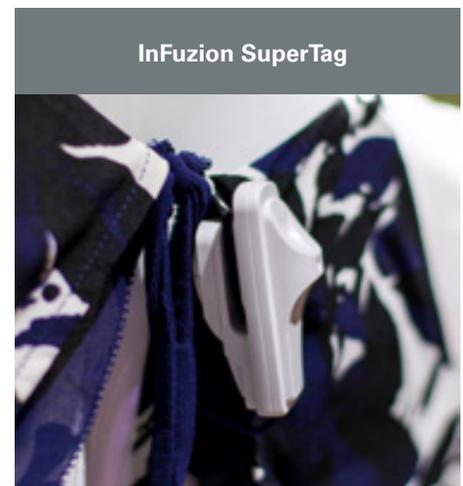
Humidity

Unaffected by 80% humidity at 66°C (150°F), up to 96 hours

Specifications

Color Gray, Light Gray
Length 61.2mm (2.41in)
Width 30mm (1.22in)
Depth
 Open 44.5mm (1.75in)
 Latched 31.7mm (1.25in)
Weight 13.9g (0.49oz)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





InFuzion Magnetic Tag

The Sensormatic InFuzion Magnetic Tag combines ease of use and merchandise protection into a secure, one-piece system. This defeat-resistant tag is designed to provide operational savings while freeing associates to spend more time assisting customers.

InFuzion features an integrated pin that reduces the application process from two steps to one. This allows retailers to spend less time tagging in-store and easily remove the tag at the point-of-sale to help see significant labor savings and improve front-end check-out efficiencies. Plus, the integrated pin design helps eliminate the cost of replacing lost or broken pins.

Available in either AM or RF technology, this unobtrusive, visible deterrent is equipped with a delicate pin that safely protects apparel and fine garments.

Retailer Values

- // Reduces time and labor required to apply and remove tags when compared to traditional two-piece tags
- // Improves safety since there are no pins to lose or handle
- // Sleek one-piece design helps eliminate the need to store and sort pins and tags separately
- // Speeds up front-end check-out with easy tag removal at the point-of-sale

Suggested Solution Application

Apparel, Delicates, Denim, Outerwear, Sportswear, Swimwear

Product Codes

AM Technology:

ZLAMT8225: Gray (5kG)
ZLAMT8229: Gray (9kG)

RF Technology:

RFT8225: Red (5kG)
RFT8229: Red (9kG)

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Storage temperature range:
-30°C to 60°C (-22°F to 140°F)
Operating temperature
-10°C to 50°C (14°F to 122°F)

Humidity

85% at 30°C (86°F)

Specifications

Color

GrayAM Technology
Red.....RF Technology

Length..... 51.3mm (2.01in)

Width 17.7mm (0.696in)

Depth 24.2mm (0.952in)

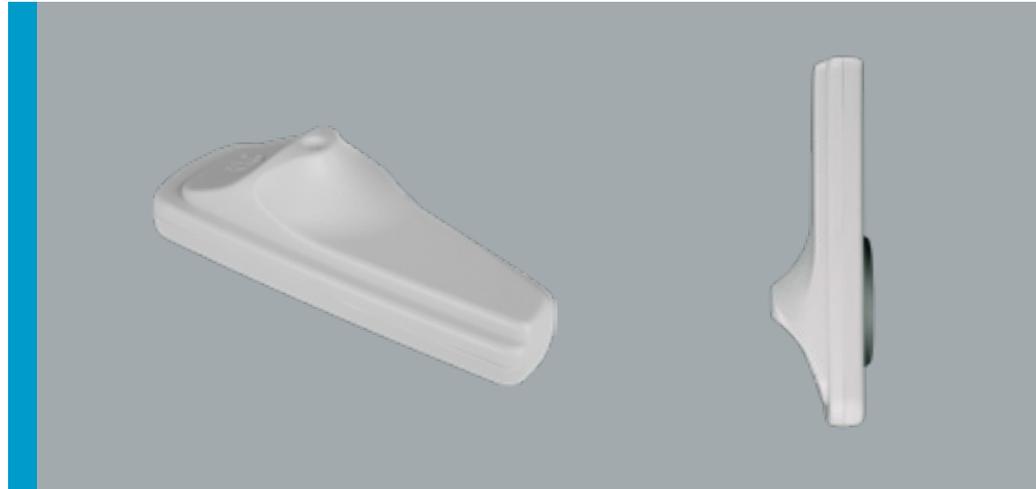
Weight

AM Technology.....8.8g (0.310oz)
RF Technology.....10.8g (0.381oz)

Lock Magnetic Strength.....5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





SuperTag III

This SuperTag provides top-of-the-line theft protection for everything from heavy outerwear to delicate intimate garments. The sleek shape provides a strong visual deterrent without detracting from high-end merchandise, letting retailers open merchandise with confidence.

Retailer Values

- // SuperTag, the gold standard in asset protection, features a patented clamp design for superior defeat resistance
- // Sleek, aesthetic design helps minimize impact to merchandise on display
- // Promotes open merchandising for increased sales

Solution Application

Apparel, General Merchandise

Product Codes

- Tag (Black): ZL303-B
- Tack (Black): MJ200-B
- Tag (Gray): ZL303-G
- Tack (Gray): MJ200-G

Product Compatibility

- MJ200L-W: Long Tack
- ST13564: Flat Metal Tack
- MJVT-2: Versa Tack
- MXSTL: Lanyard-21cm (8.27in)
- MXGL: Lanyard-19cm (7.5in)
- MJ200-G: Tack
- MJ200-B: Tack
- MJVT-3: Versa Tack
- MJVT-4: Versa Tack
- MXVT15: Versatie

Detachers

- SuperTag Detacher
- SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

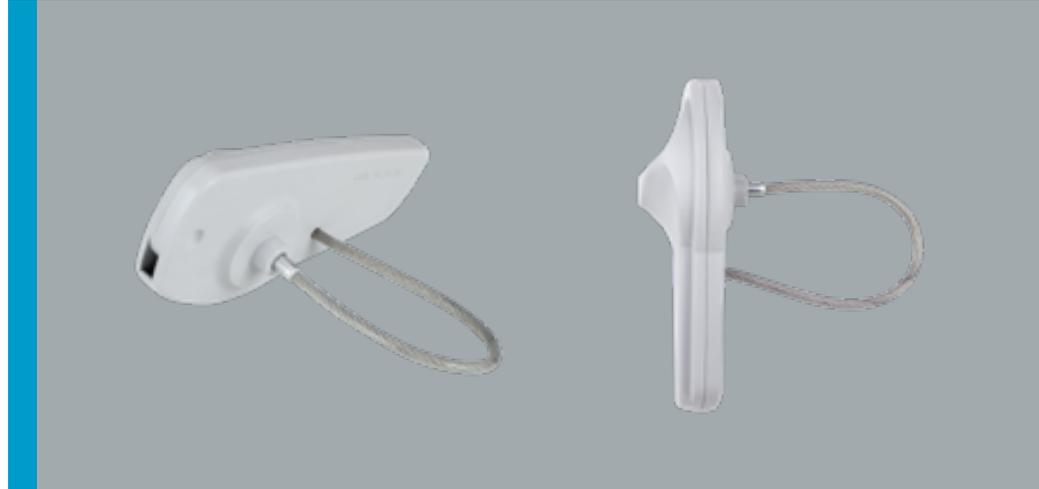
Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray, Black
Length	69.0mm (2.72in)
Width	30.5mm (1.20in)
Depth	18.8mm (0.74in)
Weight	9.7g (0.32oz)
Pullout Force	63.50kg (140lbs)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





SuperTag III Lanyard

This SuperTag provides top-of-the-line protection for high-risk items unable to be secured with a pin-style hard tag. The integrated lanyard cable contains a stainless-steel pin for superior defeat resistance in a light, easy-to-use format. The sleek shape does not detract from high-end products, yet provides a strong visual deterrent, letting retailers open-merchandise with confidence.

Retailer Values

- // Allows application to a wider assortment of hard-to-tag, high-risk merchandise
- // SuperTag, the gold standard in asset protection, features a patented clamp design for superior defeat resistance
- // Sleek, aesthetic design helps minimize impact to merchandise on display

Solution Application

Shoes, Handbags, Backpacks, Luxury Apparel, Sporting Goods

Product Codes

Tag (Gray): ZL303L-4G
Tag (Black): ZL303L-4B

Product Compatibility

Detachers

SuperTag Detacher
SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

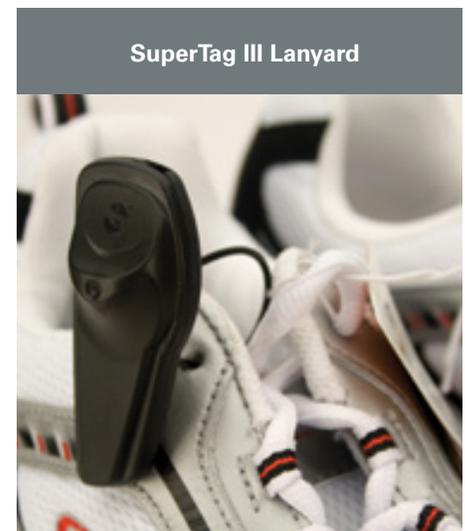
Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray, Black
Length	69.0mm (2.72in)
Cable Length	10.1cm (4in)
Width	30.5mm (1.20in)
Depth	18.8mm (0.74in)
Weight	11.9g (0.42oz) (weight includes tack)
Pullout Force	63.50kg (140lbs)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





SuperTag Alarming 2-Tone Pin

Add an extra level of security to your high-value, high-risk merchandise—anywhere in the store. This alarming 2-tone SuperTag provides top-of-the-line protection for everything from heavy outerwear to delicate intimate garments. It's sleek shape does not detract from high-end items, yet provides a strong visual deterrent. The alarming feature reduces risk of theft when protected merchandise is out of staff's view. The tag will emit an audible alarm if defeat is attempted and will alarm the AM pedestal system if protected products pass through the detection zone. The tag alarm will stop once the battery is depleted or tag is reset.

Retailer Values

- // 2-tone alarming feature adds an extra layer of security to high-value, high-risk merchandise
- // Supertag, the gold standard in asset protection, features a patented clamp design for superior defeat resistance
- // Sleek, aesthetic design helps minimize impact to merchandise on display
- // Backed by a multi-year battery life warranty to reduce operational and replacement costs

Solution Application

Electronics, Leather, Luxury Goods, Handbags, Sporting Goods, Power Tools

Product Codes

Tag: ZLAMT-3100A2P
Tack: MJ200-B

Product Compatibility

MXVT15: Versa Tie
MJ200L-W: Long Tack
MJVT-2: Versa Tack
MJVT-3: Versa Tack
MJVT-4: Versa Tack
MXVT15: Versatie
MXSTL: Lanyard-21cm (8.27in)
MXGL: Lanyard-19cm (7.5in)

Detachers

SuperTag Detacher
SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 66°C (150°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 66°C (150°F), up to 96 hours.

Specifications

Color	Black
Length	88mm (3.46in)
Width	31mm (1.22in)
Depth	21mm (0.83in)
Weight	22g (0.77oz)
Pullout Force	63.50kg (140lbs)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



SuperTag Alarming 2-Tone Lanyard

Add an extra level of security to hard-to-tag, high-value, high-risk merchandise—anywhere in the store. This alarming 2-tone SuperTag features an integrated lanyard cable with a stainless-steel pin for superior defeat resistance in an easy-to-use format. It is ideal for protecting items unable to be secured with a pin-style tag including shoes, handbags, luggage, sporting goods and more. The sleek shape does not detract from high-end items, yet provides a strong visual deterrent. The alarming feature reduces risk of theft when protected merchandise is out of staff's view. The tag will emit an audible alarm if defeat is attempted and will alarm the AM pedestal system if a protected products pass through the detection zone. The tag alarm will stop once the battery is depleted or the tag is reset.

Retailer Values

- // 2-tone alarming feature adds an extra layer of security to hard-to-tag high-value, high-risk merchandise
- // SuperTag, the gold standard in asset protection, features a patented clamp design for superior defeat resistance
- // Sleek, aesthetic design helps minimize impact to merchandise on display

- // Promotes open merchandising for increased sales
- // Backed by a multi-year battery life warranty to reduce operational and replacement costs

Solution Application

Electronics, Footwear, Leather, Luggage, Luxury Goods, Handbags, Sporting Goods, Power Tools

Product Codes

- ZLAMT-3100A2L (15cm)
- ZLAMT-3100A2L15 (152cm)

Product Compatibility

Detachers

- SuperTag Detacher
- SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 66°C (150°F) for 96 hours at 80% RH.

Humidity

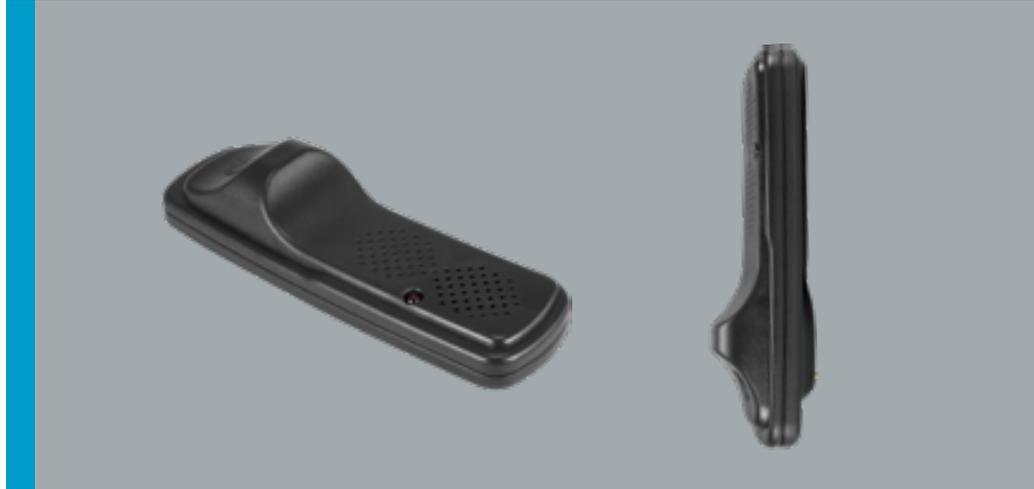
Unaffected by 80% humidity at 66°C (150°F), up to 96 hours.

Specifications

Color	Black
Length	88mm (3.46in)
Cable Length	15cm (6in) 152cm (60in)
Width	31mm (1.22in)
Depth	24mm (0.94in)
Weight	15cm: 24.9g (0.88oz) 152cm: 39.6g (1.4oz)
Pullout Force	63.50kg (140lbs)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





SuperTag Alarming 3-Tone Pin

Get the highest level of security for high-value, high-risk merchandise—anywhere in the store. This alarming 3-tone SuperTag provides the trusted protection of Sensormatic SuperTags with additional audible alarms. The alarming feature reduces risk of theft when protected merchandise is out of staff's view. The tag will emit an audible alarm if defeat is attempted and alarm the AM pedestal system if protected products pass through the detection zone. For additional security, the tag itself will also alarm if removed from the store. The tag alarm will stop once the battery is depleted or the tag is reset.

Retailer Values

- // 3-tone alarming feature provides the highest level of security to high-value, high-risk merchandise
- // SuperTag, the gold standard in asset protection, features a patented clamp design for superior defeat resistance
- // Sleek, aesthetic design helps minimize impact to merchandise on display
- // Backed by a multi-year battery life warranty to reduce operational and replacement costs

Solution Application

Electronics, Leather, Luxury Goods, Handbags, Sporting Goods, Power Tools

Product Codes

Tag: ZLAMT-3100A3P
Tack: MJ200-B

Product Compatibility

MXVT15: Versa Tie
MJ200L-W: Long Tack
MJVT-2: Versa Tack
MJVT-3: Versa Tack
MJVT-4: Versa Tack
MXVT15: Versatie
MXSTL: Lanyard-21cm (8.27in)
MXGL: Lanyard-19cm (7.5in)

Detachers

SuperTag Detacher
SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 66°C (150°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 66°C (150°F), up to 96 hours.

Specifications

Color Black
Length 88mm (3.46in)
Width 31mm (1.22in)
Depth 21mm (0.83in)
Weight 22.1g (0.78oz)
Pullout Force 63.50kg (140lbs)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



SuperTag Alarming 3-Tone Lanyard

Get the highest level of security for hard-to-tag high-value, high-risk merchandise—anywhere in the store. This alarming 3-tone lanyard SuperTag features an integrated lanyard cable with a stainless-steel pin for superior defeat resistance in an easy-to-use format. It is ideal for protecting items unable to be secured with a pin-style tag including shoes, handbags, luggage, sporting goods and more. The sleek shape does not detract from high-end items, yet provides a strong visual deterrent. The alarming feature reduces risk of theft when protected merchandise is out of staff's view. The tag will emit an audible alarm if defeat is attempted and will alarm the AM pedestal system if protected products pass through the detection zone. For additional security, the tag itself will also alarm if removed from the store. The tag alarm will stop once the battery is depleted or the tag is reset.

Retailer Values

- // 3-tone alarming feature provides the highest level of security hard-to-tag, high-value, high-risk merchandise
- // SuperTag, the gold standard in asset protection, features a patented clamp design for superior defeat resistance

- // Sleek, aesthetic design helps minimize impact to merchandise on display
- // Promotes open merchandising for increased sales
- // Backed by a multi-year battery life warranty to reduce operational and replacement costs

Solution Application

Electronics, Footwear, Leather, Luggage, Luxury Goods, Handbags, Sporting Goods, Power Tools

Product Codes

ZLAMT-3100A3L (15cm)
ZLAMT-3100A3L15 (152cm)

Product Compatibility

Detachers

SuperTag Detacher
SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 66°C (150°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 66°C (150°F), up to 96 hours.

Specifications

Color	Black
Length	88mm (3.46in) 152cm (60in)
Cable Length	15cm (6in) 152cm (60in)
Width	31mm (1.22in)
Depth	24mm (0.94in)
Weight	15cm: 26g (0.92oz) 152cm: 40.7g (1.44oz)
Pullout Force	63.50kg (140lbs)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Deactivatable SuperTag VST-R

The Deactivatable SuperTag VST-R is a Sensormatic visible source tag that is part of a low-cost-per-use recirculation program. This hard tag is applied to soft goods at the point of manufacturing to help reduce operational costs and eliminate in-store tagging labor. This tag also features a robust locking mechanism with 80lbs of pull-out force.

Retailer Values

- // SuperTag, the gold standard in asset protection, features a patented clamp design for superior defeat resistance
- // Merchandise arrives sales-floor ready for immediate product availability
- // Reduces lost sales and eliminates labor costs associated with in-store tagging, allowing store associates to better serve customers
- // Improves tagging compliance with tagging at the point of manufacturing
- // Substantiates/endorsees green initiatives by reducing waste through recycling used tags for reapplication

Solution Application

Apparel, General Merchandise

Product Codes

Tag: ZLAMT7200R-B
Metal Tack: MJ70-H

Product Compatibility

Detachers

SuperTag Detacher
SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Materials of Construction

Tag Housing

High-Impact ABS

Label Housing

Low Density Polyethylene/Polyester/
Polyethylene 0.127mm (0.0050in)

Tack

ABSTack Head/Stainless-Steel Pin

Specifications

Color Charcoal
Length 62mm (2.44in)
Width 31mm (1.22in)
Depth 19mm (0.75in)
Weight With Tack: 8.67g (0.306oz)
Pullout Force 36.29kg (80lbs)

Order multiple Tag: 1,000
Tack: 1,000

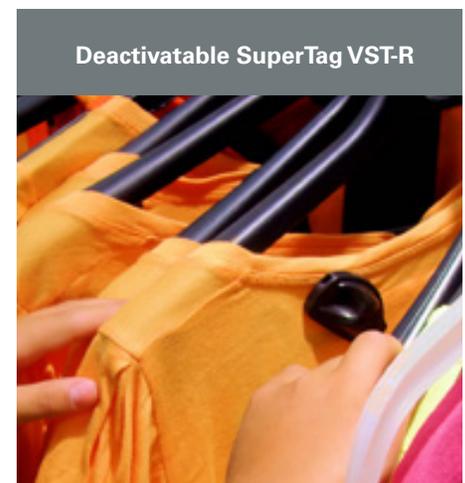
Carton Weight Tag: 7.5kg (16.5lbs)
Tack: 1.17kg (2.57lbs)

Ext. Carton Dims
Tag: 368 x 368 x 268mm
(14.5 x 14.5 x 10.6in)
Tack: 140 x 75 x 75mm
(5.5 x 3 x 3in)

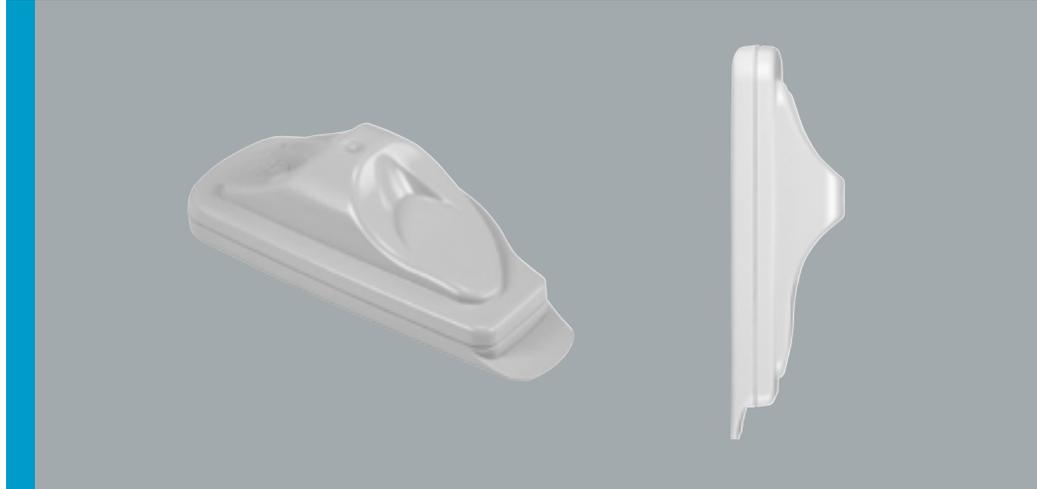
Ext. Carton Vol.
Tag: 0.0363m³ (1.28ft³)
Tack: 0.0008m³ (0.028ft³)

Cartons Per Pallet Tag: 42

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



* Visit sensormatic.com to download usage guidelines



Non-Deactivatable SuperTag VST-R

The Non-Deactivatable SuperTag VST-R is a Sensormatic visible source tag that is part of a low-cost-per-use recirculation program. This hard tag is applied to soft goods at the point of manufacturing to help reduce operational costs and eliminate in-store tagging labor. This tag also features a robust locking mechanism with 80lbs of pull-out force.

Retailer Values

- // Merchandise arrives sales-floor ready for immediate product availability
- // Reduces lost sales and eliminates labor costs associated with in-store tagging, allowing store associates to better serve customers
- // Improves tagging compliance with tagging at the point of manufacturing
- // Substantiates/endorsees green initiatives by reducing waste through recycling used tags for reapplication

Solution Application

Apparel, General Merchandise

Product Codes

Tag: ZLAMT7100R-G,
Metal Tack: MJ70-H

Product Compatibility

Detachers

SuperTag Detacher
SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Materials of Construction

Tag Housing

High-Impact ABS

Label Housing

Low Density Polyethylene/Polyester/
Polyethylene 0.127mm (0.0050in)

Tack

ABS Tack Head/Stainless-Steel Pin

Specifications

Color	Gray
Length	62mm (2.44in)
Width	31mm (1.22in)
Depth	19mm (0.75in)
Weight	With Tack: 8.67g (0.306oz)
Pullout Force	36.29kg (80lbs)

Order multiple..... Tag: 1,000
Tack: 1,000

Carton Weight Tag: 7.5kg (16.5lbs)
Tack: 1.17kg (2.57lbs)

Ext. Carton Dims.....
Tag: 368 x 368 x 268mm
(14.5 x 14.5 x 10.6in)
Tack: 140 x 75 x 75mm
(5.5 x 3 x 3in)

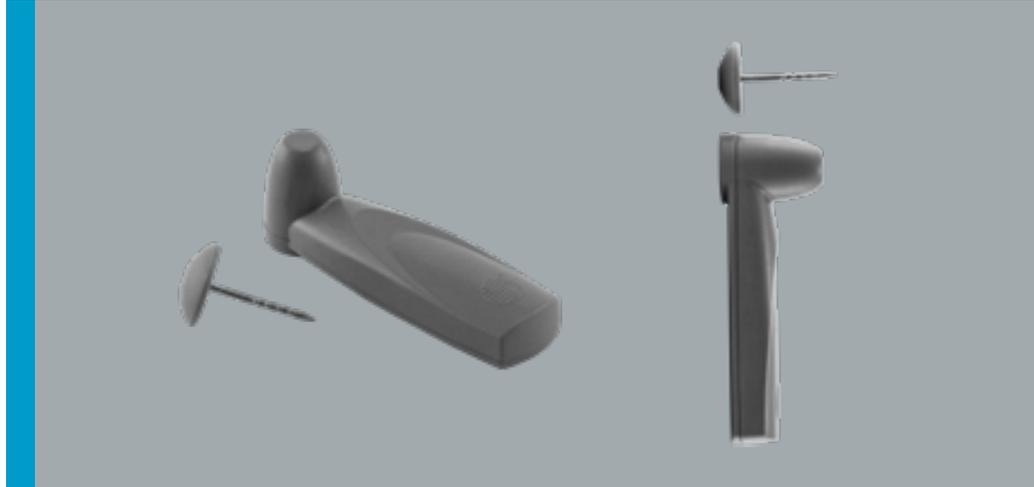
Ext. Carton Vol.....
Tag: 0.0363m³ (1.28ft³)
Tack: 0.0008m³ (0.028ft³)

Cartons Per Pallet Tag: 42

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



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MVST-R Tag

The Magnetic VST-R is a visible source tag that is part of a low-cost-per-use recirculation program. This hard tag is applied to soft goods at the point of manufacturing to help reduce operational costs and eliminate in-store tagging labor. This multi-use tag also features a robust locking mechanism with 106lbs of pull-out force.

Retailer Values

- // Merchandise arrives sales-floor ready for immediate product availability
- // Reduces lost sales and eliminates labor costs associated with in-store tagging, allowing store associates to better serve customers
- // Improves tagging compliance with tagging at the point of manufacturing
- // Easy application and removal to help improve store operations
- // Fulfills green initiatives by reducing waste through recycling used tags for reapplication

Solution Application

Apparel, General Merchandise

Product Codes

New Tag: ZLAMT7400

New Tack: MJ7400 (Gray)
 Re-Circulated Tag: ZLAMT7400R
 Re-Circulated Tack: MJ7400R (Gray)

Product Compatibility

Detachers

Magnetic 9kG Detachers
 Magnetic 5kG Detacher
 Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140° F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Materials of Construction

Tag Housing

High-Impact ABS

Tack

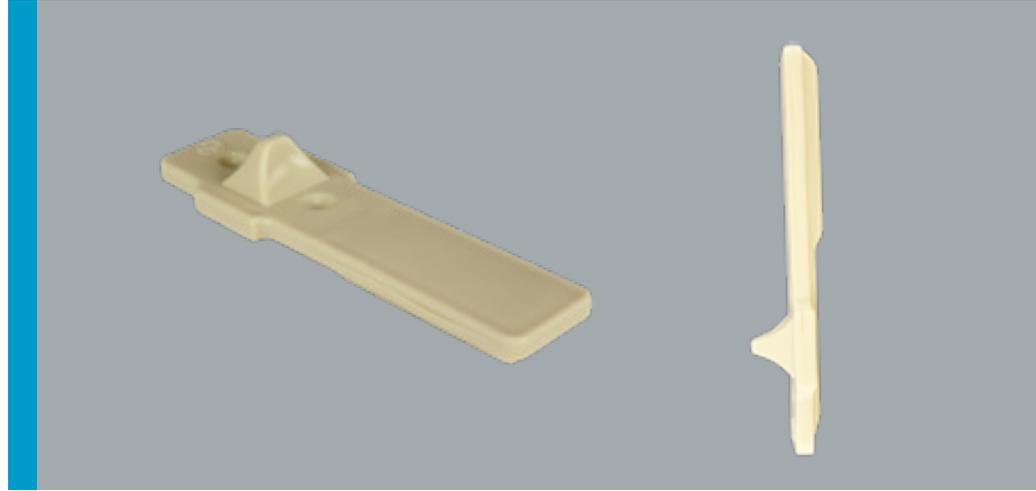
Nylon/Stainless-Steel Pin

Specifications

Color	Gray
Length	56mm (2.2in)
Width	16mm (0.65in)
Depth	18mm (0.71in)
Weight	Tag: 7.12g (0.251oz) Tack: 0.57g (0.020oz)
Pullout Force	45.36kg (100lbs)
Lock Magnetic Strength	5kG
Order multiple	Tag: 1,000 Tack: 1,000
Carton Weight	Tag: 7.8kg (17.16lbs) Tack: 0.68kg (1.50lbs)
Ext. Carton Dims	Tag: 370 x 370 x 155mm (14.56 x 14.56 x 6.1in) Tack: 175 x 110 x 100mm (6.09 x 4.3 x 3.94in)
Ext. Carton Vol.	Tag: 0.0212m ³ (0.75ft ³) Tack: 0.0019m ³ (0.068ft ³)
Cartons Per Pallet	Tag: Atlanta DC: No Pallet

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Ultra-Gator Tag

This all-purpose hard tag is a highly visible shoplifting deterrent. The traditional lock design provides moderate defeat resistance for a wide range of merchandise. It can be attached via tack, lanyard, Versatie or VersaTack.

Retailer Values

- // Standard EAS asset protection at an affordable price
- // Lightweight design ideal for protecting small or sensitive merchandise
- // Promotes open merchandising for increased sales

Solution Application

Apparel, General Merchandise

Product Codes

Tag: ZL92BXP
Tack: MJ25-2P
Tack: MJ31L-W
(use with thick apparel only)

Product Compatibility

MXVT15: Versatie
MJVT-2: Versa Tack
MJVT-3: Versa Tack
MJVT-4: Versa Tack
MXGL: Lanyard-19cm (7.5in)

Detachers

Power: Ultra-Gator Detacher
Handheld: Ultra-Gator Manual Handheld Detacher

Detacher Type

Ultra-Gator

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140° F) for 96 hours at 80% RH.

Humidity

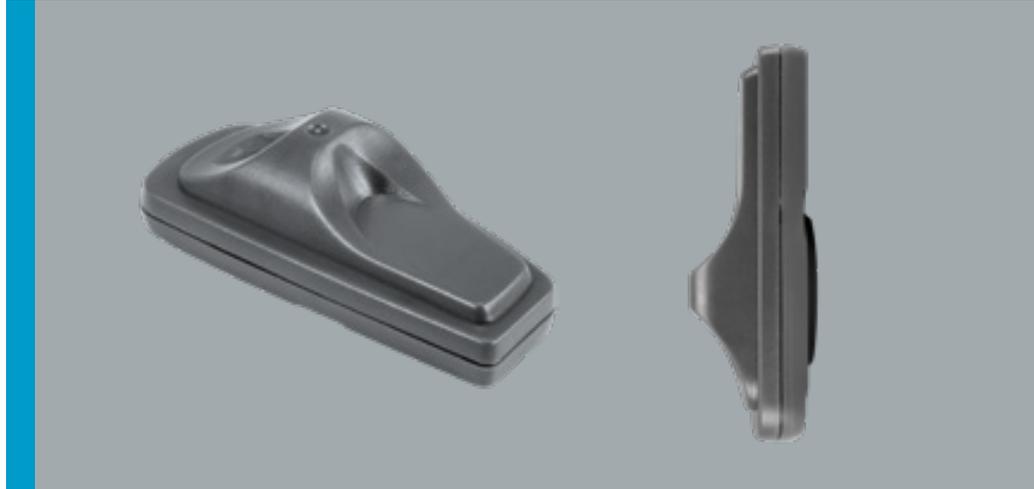
Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Tan
Length	95mm (3.7in)
Width	29mm (1.1in)
Depth	16.4mm (0.25in)
Weight	13.2g (0.46oz)
Pullout Force	54.43kg (120lbs)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





AM/RFID Hard Tag

This hard tag features a highly sensitive Radio Frequency Identification (RFID) inlay for item-level visibility and inventory management and an AM EAS element for asset protection. The RFID component stores information specific to the protected merchandise for item-level and near real-time merchandise visibility. Source Tagging is available so retailers can receive floor-ready merchandise with consistent tag placement—expediting receiving and selling floor fulfillment.

Retailer Values

- // Enables near real-time merchandise visibility
- // RFID element offers an efficient way to track inventory, while the AM EAS element provides product protection
- // Tagging at the point of manufacturing (Source Tagging) helps improve tag compliance and ensures consistent application
- // Source Tagged merchandise arrives floor-ready, enabling faster speed to sales floor

Solution Application

General Merchandise, Department Store, Specialty Apparel

Product Codes

New Dual Tag: IDTM2200 - Medium Gray
Re-Circulated Dual Tag: IDTM2200R -

Medium Gray
In-Store Use: IDTM2200N - Light Gray
Tack: MJ211B

Product Compatibility

Detachers

AM/RFID Detachers:
AM/RFID SuperTag Detacher

For AM Detaching Only:
SuperTag Detacher

For AM Hand-Held Detaching Only:
SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Materials of Construction

Tag Housing
High-Impact ABS

Label Housing

Low Density Polyethylene/Polyester/
Polyethylene 0.127mm (0.0050in)

RFID inlay

Copper, Mylar, Silicon

Tack

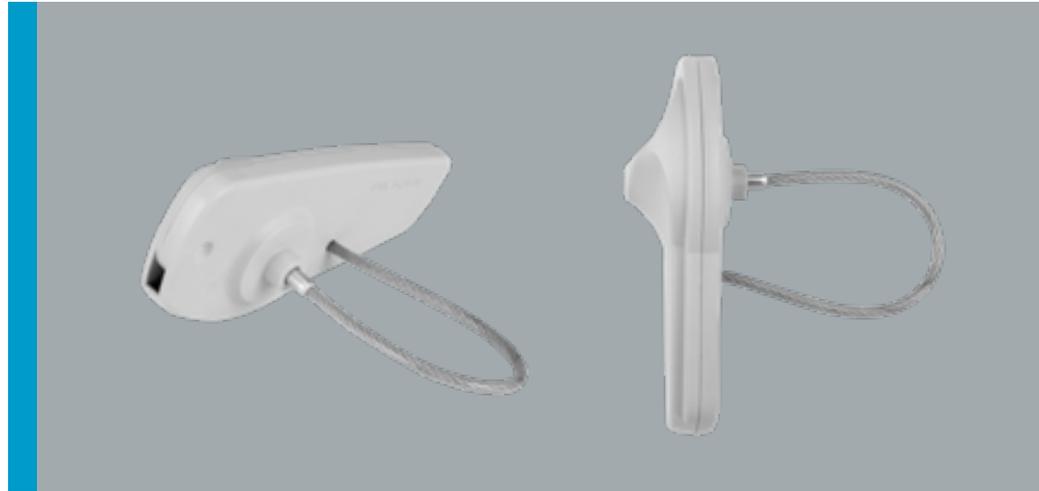
ABS Tack Head/Stainless-Steel Pin

Specifications

Color	Charcoal Gray
Length	61mm (2.4in)
Width	30.5mm (1.20in)
Depth	24.6mm (0.97in)
Weight	8.8g (0.31oz)
Pullout Force	36.29kg (80lbs)
EPC Memory	96 bits up to 128 bits
Operating Frequencies	860-928MHz
Order multiple	Tag: 1,000 Tack: 1,000
Carton Weight	Tag: 8.48kg (18.72lbs) Tack: 1.17kg (2.57lbs)
Ext. Carton Dims	Tag: 476 x 292 x 219mm (18.75 x 11.5 x 8.6in) Tack: 140 x 75 x 75mm (5.5 x 3 x 3in)
Ext. Carton Vol.	Tag: 0.031m ³ (1.07ft ³) Tack: 0.0008m ³ (0.028ft ³)
Cartons Per Pallet	Tag: Atlanta DC: 32 Echt DC: 48

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

* Visit sensormatic.com to download usage guidelines



SuperTag AM/RFID 2D Barcode Lanyard

This AM/RFID lanyard hard tag, part of the Sensormatic SuperTag family, combines trusted EAS protection with the inventory visibility only RFID can provide. This dual-technology hard tag features a highly-sensitive RFID inlay that allows item-specific information to be programmed directly on the tag — delivering near real-time visibility and protection simultaneously. For retailers without RFID capabilities, this durable tag features a laser-etched 2D barcode that allows retailers to program item-specific information directly onto the tag using a compatible mobile reader. This barcode is especially helpful when a swing ticket is missing from tagged merchandise because it allows store associates to quickly scan and retrieve point-of-sale (POS) data necessary to reprint the ticket and complete the checkout process.

This SuperTag provides top-of-the-line protection for high-risk items unable to be secured with a pin-style hard tag. The integrated For retailers without RFID capabilities, this durable tag features a pin offer superior defeat resistance in a light, easy-to-use format ideal for

footwear, handbags and other high-risk merchandise. With this tag, retailers can continue using legacy AM readers at points-of-sale to process transactions without investing in additional RFID hardware and infrastructure. This hard tag is intended for in-store application.

Retailer Values

- // Use a compatible mobile reader to program item-specific data directly on the tag without investing in RFID hardware and infrastructure
- // Offers an efficient way to track inventory while using AM EAS to protect items from theft
- // Allows application to a wider assortment of hard-to-tag, high-risk merchandise
- // Minimizes impact to merchandise on display for a sleek, aesthetic design
- // Helps enable near real-time visibility and improves inventory accuracy with built-in RFID element
- // Supports global frequencies and reliable RFID performance

Solution Application

Shoes, handbags, sporting goods, accessories and luxury apparel

Product Codes

IDTM3030L4N2D
(Pin included with the lanyard)

Product Compatibility

SuperTag Detacher

SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature
-30°C to 60°C (-22°F to 140°F)

Humidity

Unaffected by 85% humidity at
30°C (-22°F)

Operating Temperature

-10°C to 50°C (14°F to 122°F)

Materials of Construction

Tag Housing High-Impact ABS

Label Housing

Low Density Polyethylene/Polyester/
Polyethylene 0.127mm (0.0050in)

RFID Inlay Mylar, Silicon

LanyardStainless-Steel Cable
with Stainless-Steel Pin

Specifications

2D Barcode Format..... DataMatrix

Barcode Size 10 x 10mm

Color Light Gray

Length..... 60.1mm (2.36in)

Width 28.5mm (1.12in)

Depth 24.6mm (0.97in)

Lanyard Length9cm (3.5in)

Weight with Lanyard..... 11.9g (0.42oz)

Pullout Force 36.29kg (80lbs)

EPC Memory 96 bits upto 128 bits

Operating Frequencies 860-928MHz

Order Multiple..... Tag: 100

U.S. and Internationally Patent Pending

Carton Weight

1.19kg (2.62lbs)

Ext. Carton Dimensions

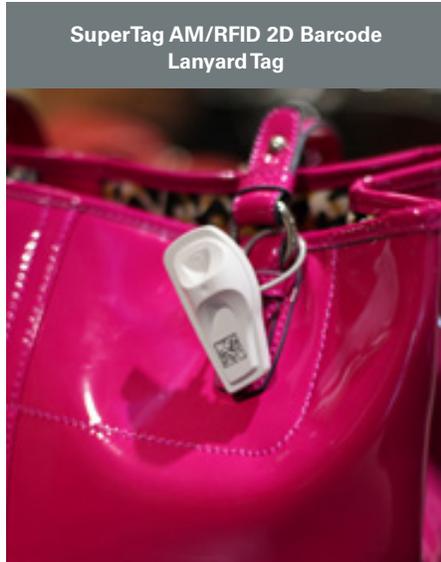
Tag: 240 x 175 x 175mm

(9.45 x 6.89 x 6.89in)

Cartons per Pallet

Tag: 95 ct/pallet

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





IDTM2220
IDTM2220R



IDTM2225
IDTM2225R

Magnetic AM/RFID Tag

The Magnetic AM/RFID hard tag features a highly sensitive Radio Frequency Identification (RFID) inlay for item-level visibility and inventory management, and an AM EAS element for asset protection. The RFID component stores information specific to the protected merchandise for item-level and near real-time merchandise visibility. Source Tagging is available so retailers can receive floor-ready merchandise with consistent tag placement — expediting receiving and selling floor fulfillment.

Retailer Values

- // Enables near real-time merchandise visibility and improves inventory accuracy
- // RFID element offers an efficient way to track inventory, while the AM EAS element protects products from theft
- // Tagging at the point of manufacturing (Source Tagging) helps improve tag compliance
- // Source Tagged merchandise arrives floor-ready, enabling faster speed to sales floor

Solution Application

Apparel, General Merchandise

Product Codes

- 9kG New Tag: IDTM2220 (Medium Gray)
- 9kG Re-Circulated Tag: IDTM2220R (Medium Gray)
- 9kG In-Store Use Tag: IDTM2220N (Light Gray)
- 5kG New Tag: IDTM2225 (Charcoal)
- 5kG Re-Circulated Tag: IDTM2225R (Charcoal)
- 5kG In-Store Use Tag: IDTM2225N (Light Gray)

Tacks:

- MJ200-MG** (use with IDTM2220, IDTM2220R)
- MJ200-G** (use with IDTM2220N, IDTM2225N)
- MJ200-B** (use with IDTM2225, IDTM2225R)

Product Compatibility

Detachers

- Sensormatic Magnetic 9kG Detachers
- Sensormatic Magnetic 5kG Detachers

Readers

Sensormatic Multipurpose RFID Readers

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Materials of Construction

- Tag Housing** High-Impact ABS
- Label Housing**..... Low Density Polyethylene/Polyester/ Polyethylene 0.127mm (0.0050in)
- RFID Inlay** Aluminum, Mylar, Silicon
- Tack**ABS Tack Head with Stainless-Steel Pin

Specifications

Color

- 9kG Medium Gray, Light Gray
- 5kGCharcoal, Light Gray

Length..... 61.0mm (2.4in)

Width 30.5mm (1.20in)

Depth 19.9mm (0.78in)

Weight (With Tack): 8.8g (0.019lbs)

Pullout Force 56.8kg (125lbs)

* Visit sensormatic.com to download usage guidelines

EPC Memory96 bits
Up to 128 bits

Operating Frequencies 860-960MHz

Lock Magnetic Strength.....9kG, 5kG

Carton Weight

IDTM2220, IDTM2220R, IDTM2225,
IDTM2225R.....9.65kg (21.23lbs)

IDTM2220N,
IDTM2225N.....10.00kg (22lbs)

Tack: 5.82kg (12.80lbs) (5000/box)

Ext. Carton Dims.

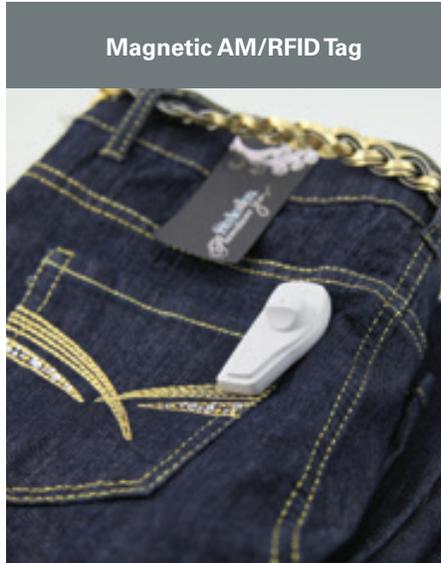
Tag: 370 x 370 x 280mm
(14.57 x 14.57 x 3.15in)

Tack: 370 x 370 x 195mm
(14.57 x 14.57 x 7.68in)

Cartons per Pallet

Tag: Atlanta DC: 32
Tag: Echt DC: 48

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



IDTM2225 5kG - New Tag
Charcoal



IDTM2220 9kG - New Tag
Medium Gray



IDTM2220N 9kG - In-Store Use Tag
Light Gray

IDTM2225N 5kG - In-Store Use Tag
Light Gray



NOTE: IDTM2220 9kG - In-Store Use Tag marked with **S** on top of tag.



Magnetic AM/RFID 2D Barcode Tag

This Magnetic AM/RFID 2D hard tag combines trusted EAS protection with the item-level visibility and inventory management only RFID can provide. The tag's RFID component stores item-specific information directly on the tag – delivering near real-time item-level visibility while the AM EAS component delivers asset protection.

This durable tag features a laser-etched 2D barcode that allows retailers to program item-specific information directly onto the tag using a compatible mobile reader. The barcode is especially helpful when a swing ticket is missing from tagged merchandise, allowing store associates to quickly scan and retrieve point-of-sale (POS) data necessary to complete the checkout process.

With this tag retailers can continue using non-RFID barcode readers at POS to process transactions. This hard tag is intended for in-store application.

Retailer Values

- // RFID component offers an efficient way to track inventory, while AM EAS component protects products from theft
- // Item-specific information can be programmed directly on tag with compatible mobile reader, without investing in additional RFID hardware and infrastructure
- // RFID element enables near real-time merchandise visibility and improves inventory accuracy
- // Supports global frequencies and provides reliable RFID performance

Solution Application

Apparel, General Merchandise

Product Codes

9kG - IDTM2220N2D (Numeric)

5kG - IDTM2225N2D (Numeric)

Tack:

MJ200-G

Product Compatibility

Detachers

- Magnetic 9kG Detacher
- Magnetic 5kG and 9kG Detachers
- Magnetic 5kG Detacher

Readers

- Multipurpose RFID Reader
- Compatible to industry EPC Gen2 Reader

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Materials of Construction

Tag Housing

High-Impact ABS

Label Housing

Low Density Polyethylene/Polyester/
Polyethylene 0.127mm (0.0050in)

RFID Inlay

Aluminum, Mylar, Silicon

Tack

ABS Tack Head/Stainless-Steel Pin



Magnetic Versatile Tag

The Magnetic Versatile hard tag features a defeat-resistant design with interchangeable tack and lanyard components to deliver a flexible, one-tag solution. This acousto-magnetic (AM) hard tag allows use of a tack or lanyard for a variety of applications. This unobtrusive, visible deterrent is ideal for protecting everything from heavy denim and apparel with the tack solution to merchandise such as shoes, handbags and sporting goods with the lanyard option.

Retailer Values

- Choice of tack or lanyard allows application to wide variety of products
- Small aesthetic design does not interfere with shopper experience or brand promotion
- Promotes open merchandising for increased sales

Suggested Solution Application

Apparel, Outerwear, Denim, Sportswear, Shoes, Luggage, Sporting Goods, Watches

Product Codes

Tag:

ZLAMT6021-5 (5kG)
ZLAMT6021-9 (9kG)

Tack:

MJ6021-P
MJ6021-S

Lanyard:

MX6021L-3 (76.2mm (3in))
MX6021L-6 (152mm (6in))
MX6021L-9 (228.6mm (9in))
MX6021L-12 (304.8mm (12in))
MX6021L-15 (381mm (15in))
MX6021L-48 (1.21m (48in))
MX6021L-60 (1.52m (60in))

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Storage temperature range:
0-40°C (32-104°F)

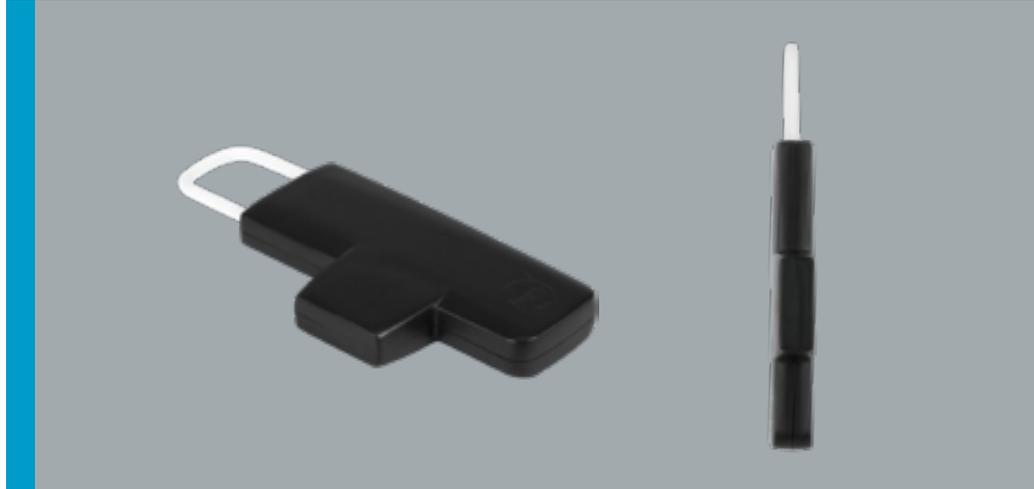
Humidity

Unaffected by 20-85% humidity

Specifications

Color	Gray
Length	45mm (1.77in)
Width	19mm (0.748in)
Depth	12mm (0.472in)
Weight	7.5g (0.264oz)
Pullout Force	≥ 45kg (99.2lbs)
Lock Magnetic Strength	5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Magnetic Accessory Tag

This hard tag provides versatile protection for jewelry, optical and small accessories. Four distinct clasp lengths and a 360-degree pivot provide a variety of application opportunities, helping protect more items without affecting aesthetics. The coated stainless steel clasp prevents abrasion and won't rust, stain or damage merchandise. Available in AM or RF technology.

Retailer Values

- // Flexible application to a wide variety of jewelry, optical and small accessories
- // Will not rust, stain or damage merchandise
- // Promotes open merchandising for increased sales

Solution Application

Belts, Handbags, Watches, Jewelry, Optical

Product Codes

ZLAMT3210-B (Black)
ZLAMT3210-G (Gray)

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140° F) for 96 hours at 80% RH.

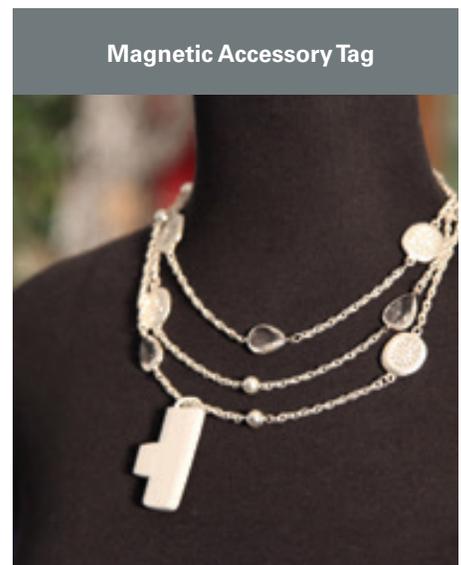
Humidity

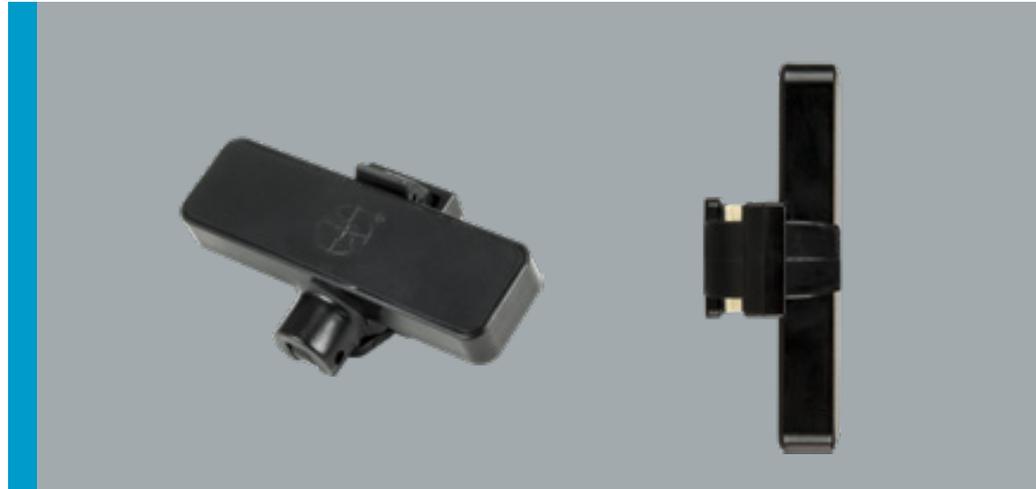
Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray, Black
Length	46.6mm (1.83in)
Width	18.5mm (0.73in)
Depth	6.0mm (0.24in)
Weight	5.9g (0.21oz)
Pullout Force	45.35kg (100lbs)
Lock Magnetic Strength	5kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Optical Tag

This optical tag offers maximum protection for eyewear without impacting the shopper experience. The tag is placed on the side arm of eyewear with the tag body on the outside, allowing customers to try on glasses without interference. Available in both AM and RF technology.

Retailer Values

- // Protects eyewear without impacting the shopper “try-on” experience
- // Small footprint minimizes impact to displayed merchandise
- // Promotes open merchandising for increased sales
- // Maximum security for high-theft eyewear

Solution Application

Optical, Sunglasses, Sporting Goods

Product Codes

AM Technology:

- ZLAMT6008-5 (5kG, Black)
- ZLAMT6008-9 (9kG, Black)
- ZLAMT6008W-5 (5kG, White)
- ZLAMT6008W-9 (9kG, White)

RF Technology:

- RFT6008-5 (5kG, Black)
- RFT6008-9 (9kG, Black)

Product Compatibility

Detachers

- MKD31-BL
- MKD400-BL
- MKD600
- AMK4100
- AMK4210

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

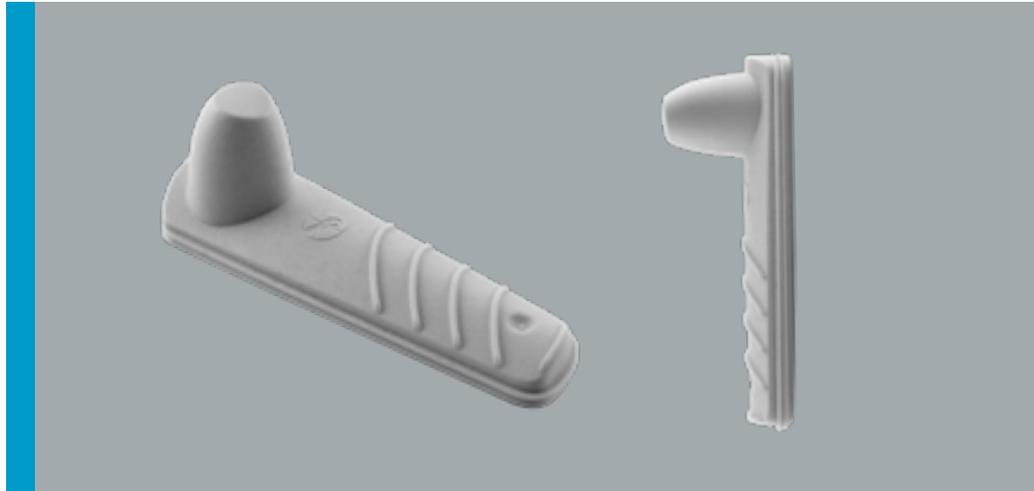
Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Specifications

- Color**White, Black
- Length**.....50mm (1.97in)
- Width** 25mm (0.98in)
- Depth** 20mm (0.79in)
- Weight** 8.5g (0.30oz)
- Pullout Force** >45kg (99lbs)
- Lock Magnetic Strength**.....5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic 5kG Tack Tag

This hard tag provides application versatility for garments and most soft goods. Highly resistant to theft, this tag withstands slamming, crushing, bending and pulling defeat efforts. It is compatible with the Sensor-Ink Mini tag.

Product Features

- // A versatile solution for garments and soft goods
- // Tag is resistant to slamming, crushing, bending and pulling defeat efforts
- // Promotes open merchandising for increased sales

Solution Application

Specialty Apparel, General Merchandise, Sporting Goods, DIY

Product Code

ZLAMT42-G

Product Compatibility

Sensor Ink Mini
MJAMT3200-G
MJAMT3200-S
MJAMT3200-B
MJLT-1 (CE only)
MJRMIN-G
MJ31LW
Smooth Tacks/Pins

Detachers

Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

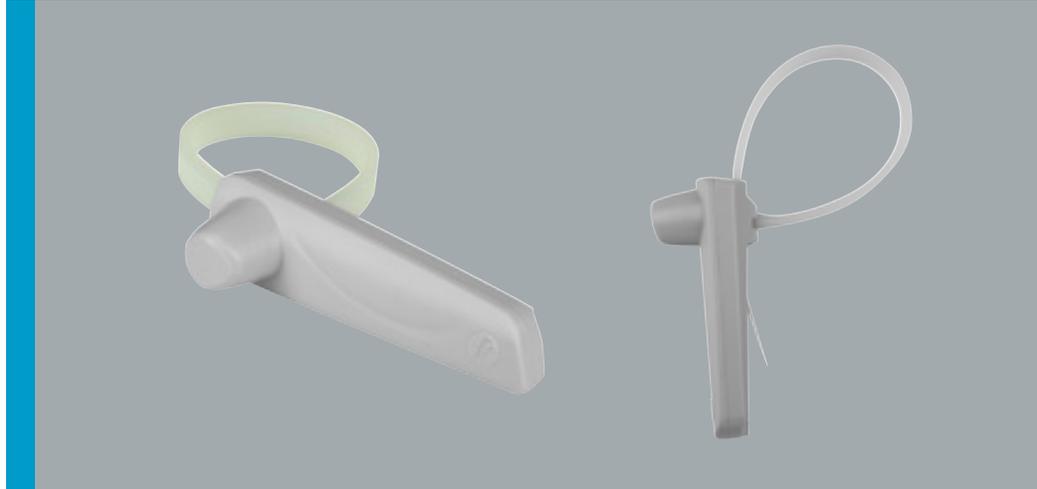
Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray
Length	60.54mm (2.38in)
Width	18.84mm (0.74in)
Depth	20.49mm (0.81in)
Weight	6.4g (0.23oz)
Pullout Force	>45.4kg (100lbs)
Lock Magnetic Strength	5kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Magnetic 5kG Lanyard

This non-deactivatable hard tag features a sleek, lightweight design to minimize theft while preserving aesthetics. The small footprint and four-inch cable permits attachment to a wide variety of merchandise. With proven high-performance AM technology, this defeat-resistant tag is compatible with the Sensormatic suite of detachers.

Retailer Values

- // Small footprint and cable allow secure attachment to a wide variety of merchandise
- // Promotes open merchandising for increased sales

Solution Application

Belts, Shoes, Handbags, Watches, etc.

Product Codes

ZLAMT3200L-G (Lanyard; 100mm)
ZLAMT3200PL-G (Plastic Lanyard; 155mm)

Product Compatibility

Detachers

Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140° F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray
Length	59.7mm (2.3in)
Cable Length	100mm (4in)
Width	19.5mm (0.76in)
Depth	17.3mm (0.68in)
Weight	6.4g (0.23oz)
Pullout Force	45.4kg (100lbs)
Lock Magnetic Strength	5kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Magnetic 9kG Steel Lanyard

This one-piece, hard tag has a four-inch multi-strand stainless-steel cable to protect high-theft footwear, handbags and high-end apparel. The flexible lanyard cable combined with a sleek, discreet look makes this tag a reliable solution for merchandise of all shapes and sizes.

Retailer Values

- // Flexible lanyard attaches to merchandise of all shapes and sizes
- // High magnetic strength for superior protection
- // Protects several merchandise categories
- // Promotes open merchandising for increased sales

Solution Application

Shoes, Handbags, Belts, Apparel

Product Codes

ZL400AL-4G

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140° F) for 96 hours at 80% RH.

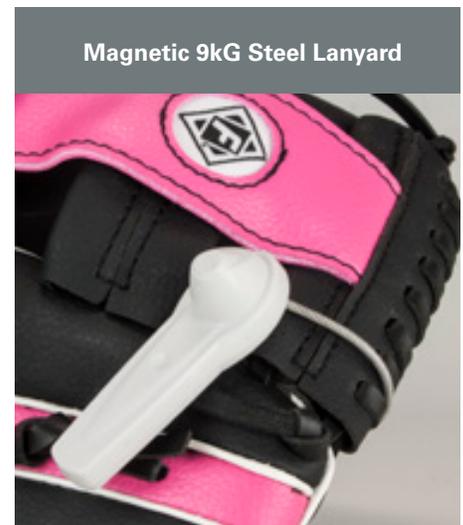
Humidity

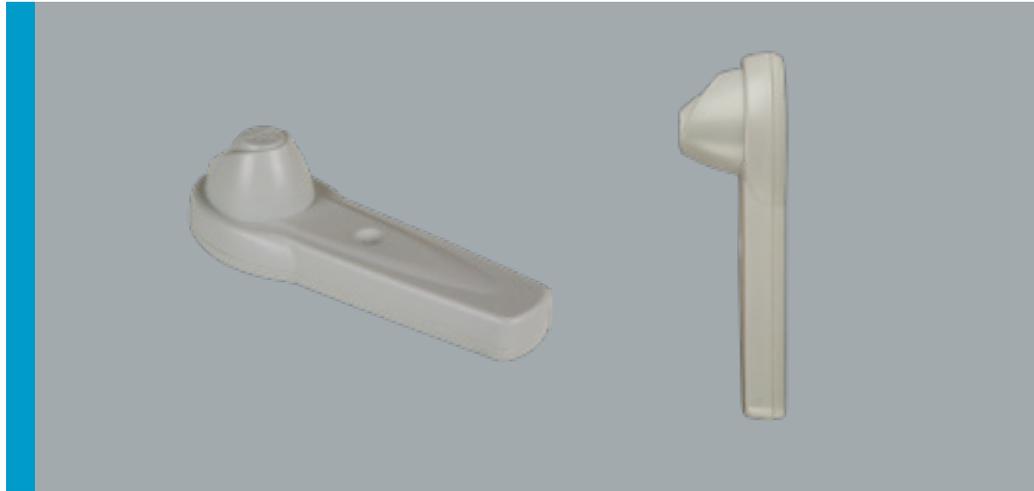
Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray
Length	60.8mm (2.4in)
Cable Length	100mm (4in)
Width	21.47mm (0.85in)
Depth	18.0mm (0.71in)
Weight	7g (0.24oz)
Pullout Force	63.5kg (140lbs)
Lock Magnetic Strength	9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic 9kG Tack Tag

This hard tag is designed to protect everything from heavy denim to the lightest intimate apparel. The high-strength magnetic clamp prevents removal using common magnets by would-be shoplifters. The highly aesthetic design minimizes impact to merchandise on display.

Retailer Values

- // Multi-purpose tag protects several merchandise categories
- // High magnetic strength for superior protection
- // Promotes open merchandising for increased sales

Solution Application

Apparel, Delicates, Accessories

Product Codes

Tag: ZL400A-G
Tack: MJ400-G

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140° F) for 96 hours at 80% RH.

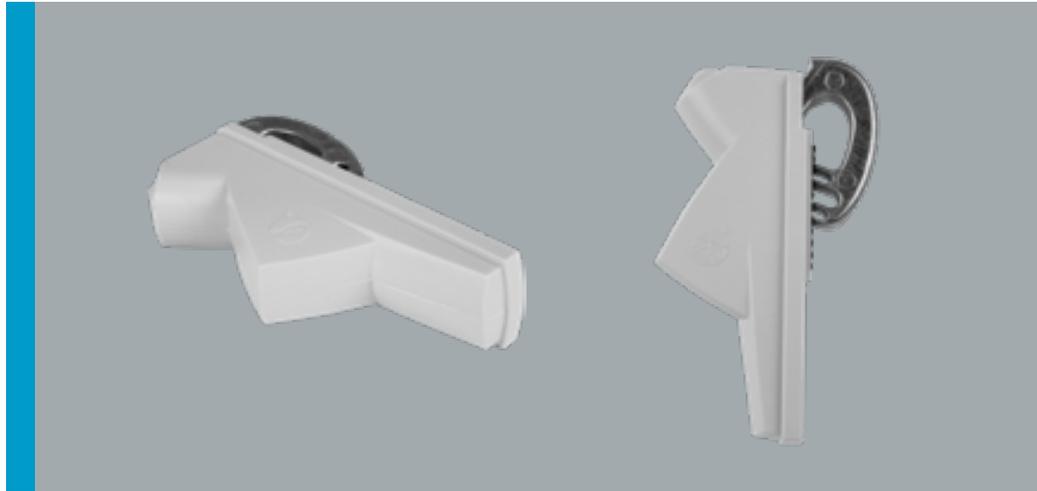
Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray
Length	60.8mm (2.4in)
Width	21.47mm (0.85in)
Depth	18.0mm (0.71in)
Weight	5.4g (0.19oz)
Pullout Force	63.50kg (140lbs)
Lock Magnetic Strength	9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Magnetic 9kG Pinless Tag

This pinless, hard tag with adjustable clip provides exceptional protection for a variety of apparel and sporting goods. A versatile, one-piece solution, this tag attaches securely without damaging merchandise.

Retailer Values

- // Adjustable spring-loaded metal clip for secure attachment without damaging merchandise
- // Robust ABS plastic housing combined with a fortified metal clip keeps merchandise secure
- // Small size provides the ideal visual deterrent without interfering with the shopper experience
- // High magnetic strength for superior protection

Solution Application

Department Store, Specialty Apparel, Discount, General Merchandise, Sporting Goods, DIY

Product Codes

ZLAMT4100P-G

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140° F) for 96 hours at 80% RH.

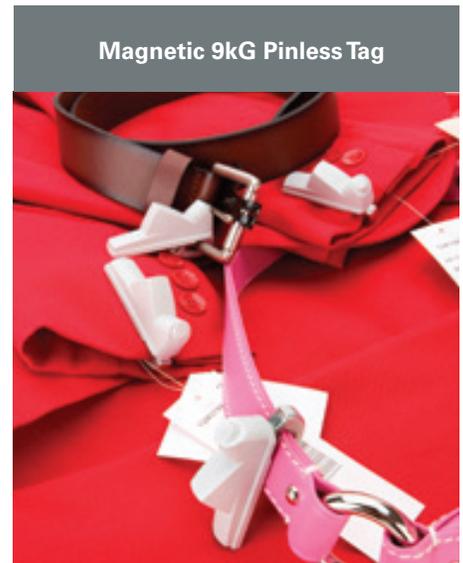
Humidity

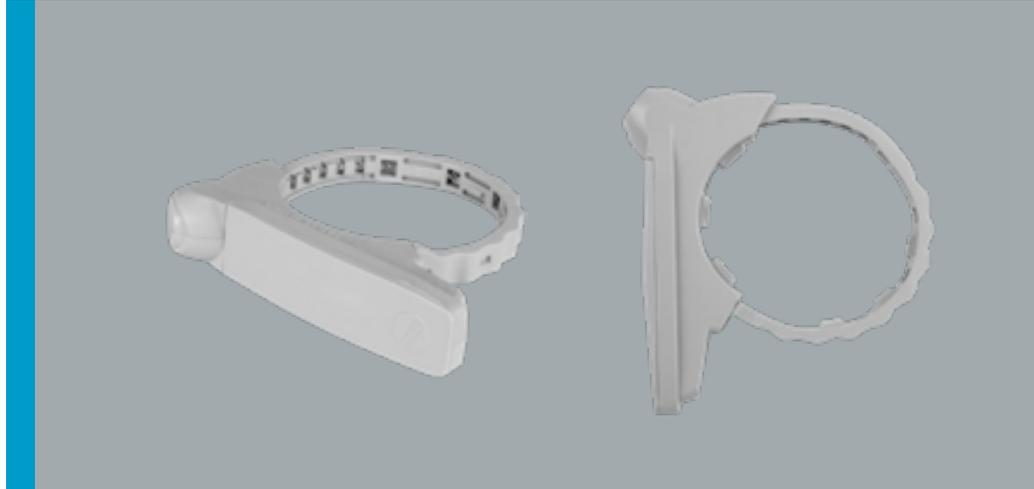
Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray
Length	Closed position: 63.5mm (2.5in) Open position: 76.0mm (3.0in)
Depth	14.5mm (0.57in)
Weight	23.8g (0.83oz)
Pullout Force	45.35kg (100lbs)
Lock Magnetic Strength	9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic 9kG- Multi-Purpose Tag

This multi-purpose hard tag secures products ranging from bottled wines and spirits to sporting goods and apparel. Featuring a multi-strand steel cable and nylon clamp, this versatile solution provides superior protection while minimizing impact on product merchandising.

Retailer Values

- // Multi-purpose tag secures hard goods, soft goods and everything in between
- // High magnetic strength for superior protection
- // Promotes open merchandising for increased sales

Solution Application

Bottled Wines, Spirits, Sporting Goods, Luggage, Power Tools

Product Codes

ZL410B-G

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140° F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray
Length	54mm (2.1in)
Width	13mm (0.51in)
Weight	9g (0.31oz)
Pullout Force	40.82kg (90lbs)
Lock Magnetic Strength	9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

Magnetic 9kG Multi-Purpose Tag





Magnetic Mini Alarming 2-Tone Lanyard

The 2-Tone Mini Alarming Tag provides audible anti-theft protection for merchandise that cannot be protected with a pin-style tag. The integrated lanyard cable with a stainless-steel pin provides superior defeat resistance for items such as shoes, handbags, luggage and sporting goods. Its small size does not detract from high-end items, yet provides a strong visual deterrent. The alarming feature reduces risk of theft when protected merchandise is out of staff's view. Available with AM or RF technology, the tag will emit an audible alarm if defeat is attempted and will alarm the AM or RF pedestal system if a protected products pass through the detection zone. The tag alarm will stop once the battery is depleted or the tag is reset.

Retailer Values

- // 2-tone alarming feature provides a high level of security to high-risk merchandise
- // Small footprint does not interfere with the shopper experience
- // Integrated lanyard allows application to items that cannot be protected with pin-style tags
- // Promotes open merchandising for increased sales
- // Battery life warranty reduces operational and replacement costs

Solution Application

Outerwear, Suits, Denim, Leather Goods, Footwear, Accessories, Handbags

Product Codes

AM Technology:

- ZLAMT2TL (10.16cm)
- ZLAMT2TL12 (120cm)
- ZLAMT2TL15 (150cm)

RF Technology:

- RFT2TL (10.16cm)

Product Compatibility

Detachers

- Magnetic 9kG Detachers
- Magnetic 5kG Detacher
- Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 66°C (150°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 66°C (150°F), up to 96 hours

Specifications

Color	Black
Length	65mm (2.56in)
Cable Length	10.16cm (4in)
	120cm (47.24in)
	150cm (60in)
Width	33.2mm (1.3in)
Depth	18.2mm (0.72in)
Weight	30.39g (1.07oz)
Pullout Force	>36.28kg (80lbs)
Lock Magnetic Strength	5kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Mini Alarming 3-Tone Lanyard

The 3-Tone Mini Alarming Lanyard provides audible anti-theft protection for merchandise that cannot be protected with a pin-style tag. The integrated lanyard cable with a stainless-steel pin provides superior defeat resistance for items such as shoes, handbags, luggage and sporting goods. Its small size does not detract from high-end items, yet provides a strong visual deterrent. The alarming feature reduces risk of theft when protected merchandise is out of staff's view. The tag will emit an audible alarm if defeat is attempted and will alarm the AM pedestal system if protected products pass through the detection zone. For additional security, the tag itself will alarm if removed from the store. The tag alarm will stop once the battery is depleted or the tag is reset.

Retailer Values

- // 3-tone alarming feature provides the highest level of security for high-risk merchandise
- // Small footprint does not interfere with the shopper experience
- // Integrated lanyard secures items unable to be protected with pin-style tags

- // Promotes open merchandising for increased sales
- // Battery life warranty reduces operational and replacement costs

Solution Application

Outerwear, Suits, Denim, Leather Goods, Footwear, Accessories, Handbags

Product Codes

AM Technology:

- ZLAMT3TL (10.16cm)
- ZLAMT3TL12 (120cm)
- ZLAMT3TL15 (150cm)

Product Compatibility

Detachers

- Magnetic 9kG Detachers
- Magnetic 5kG Detacher
- Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 66°C (150°F) for 96 hours at 80% RH.

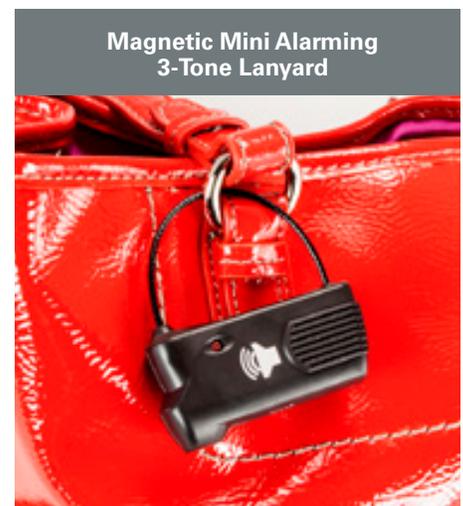
Humidity

Unaffected by 80% humidity at 66°C (150°F), up to 96 hours

Specifications

Color	Black
Length	65mm (2.56in)
Cable Length	10.16cm (4in) 120cm (47.24in) 150cm (60in)
Width	33.2mm (1.3in)
Depth	18.2mm (0.72in)
Weight	30.39g (1.07oz)
Pullout Force	>36.28kg (80lbs)
Lock Magnetic Strength	5kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Mini Square Tag

The Magnetic Mini Square Tag is a versatile shoplifting deterrent for a wide range of products. Its small form factor and simple design secures items without interfering with the shopper experience, merchandising or brand promotion. Compatible with magnetic detachers, this hard tag is a desirable addition to any existing RF EAS system.

Retailer Values

- // Versatile shoplifting deterrent for a wide range of products
- // Small form factor does not interfere with shopper experience or brand promotion
- // Promotes open merchandising for increased sales

Solution Application

Apparel, Accessories, Hats
Sportswear, Home Fashions

Product Codes

RFT6018-5 (5kG) Tack Included
RFT6018-9 (9kG) Tack Included

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Storage temperature range:
0-40°C (32-104°F)

Humidity

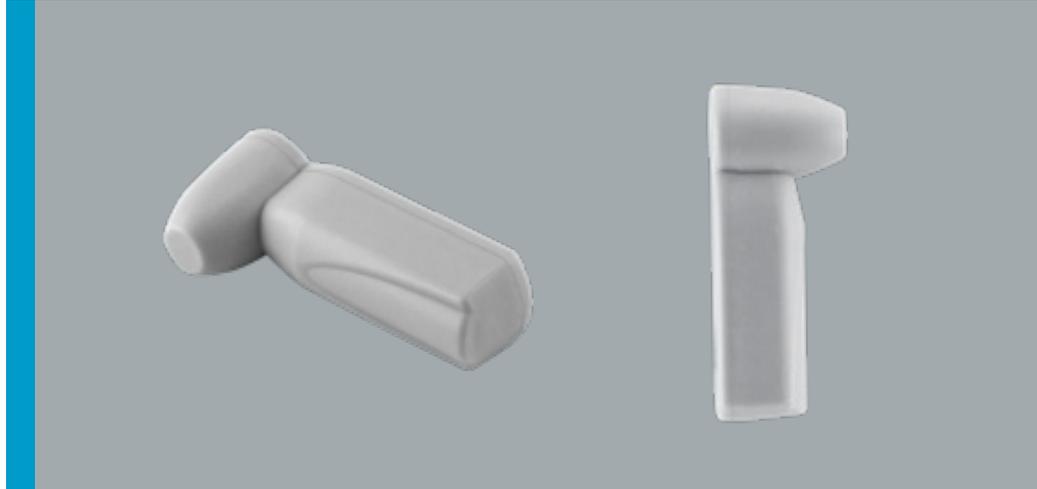
Unaffected by 20-85% humidity

Specifications

Color Black
Length..... 48mm (1.89in)
Width 42mm (1.65in)
Weight 11g (0.024oz) includes pin
Pullout Force ≥45kg (99lbs)
Lock Magnetic Strength..... 5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Pencil Tag

This Pencil hard tag protects everything from heavy denim to delicate intimate apparel. Featuring a modern, defeat-resistant design and easy application/removal at the point-of-sale, this ferrite hard tag is ideal for protecting a wide variety of merchandise. This unobtrusive, visible deterrent is a desirable addition to any existing AM, EAS or RF system.

Retailer Values

- // Small aesthetic design minimizes impact to merchandise on display
- // Promotes open merchandising for increased sales

Solution Application

Apparel, Delicates/Intimates, Outerwear, Denim, Sportswear

Product Codes

AM/Ferrite Technology:

- ZLAMT6016-5 (5kG, Gray) - with Tack
- ZLAMT6016-9 (9kG, Gray) - with Tack
- ZLAMT6016B-5 (5kG, Black) - w/lth Tack
- ZLAMT6016B-9 (9kG, Black) - with Tack

RF Technology:

- RFT6016-5 (5kG) - Tack included
- RFT6016-9 (9kG) - Tack included

Product Compatibility

Detachers

- Magnetic 9kG Detachers
- Magnetic 5kG Detacher
- Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Storage temperature range:
0-40°C (32-104°F)

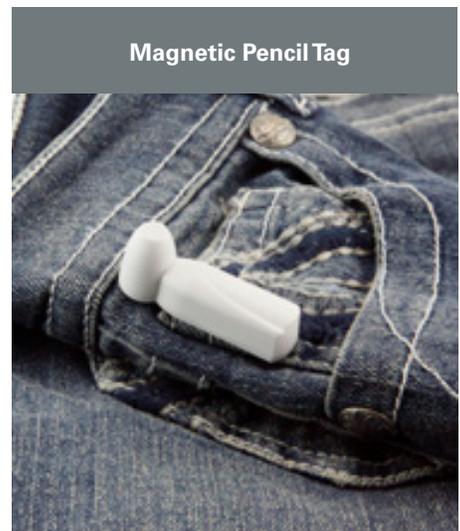
Humidity

Unaffected by 20-85% humidity

Specifications

- Color** Grey
- Length** 45mm (1.77in)
- Width** 19mm (0.748in)
- Depth** 12mm (0.472in)
- Weight** 7.5g (0.264oz)
- Pullout Force** ≥ 45kg (99.2lbs)
- Lock Magnetic Strength** 5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Pencil Lanyard

This hard tag protects everything from accessories to sportswear. It features a modern, defeat-resistant design, and is easily applied and removed at the point-of-sale. The integrated lanyard allows application to a wide variety of hard-to-tag merchandise. This ferrite tag is an unobtrusive, yet visible deterrent and a desirable addition to any existing AM, EAS or RF system.

Retailer Values

- // Small, aesthetic design minimizes impact to merchandise on display
- // Integrated lanyard allows application to items that cannot be protected with pin-style tags
- // Promotes open merchandising for increased sales

Solution Application

Accessories, Footwear, Handbags, Hats, Luggage, Belts, Watches, Sportswear

Product Codes

AM/Ferrite Technology:

- ZLAMT6016L-5 (5kG, Gray)
- ZLAMT6016L-9 (9kG, Gray)
- ZLAMT6016LB-5 (5kG, Black)
- ZLAMT6016LB-9 (9kG, Black)

RF Technology:

- RFT6016L-5 (5kG)
- RFT6016L-9 (9kG)

Product Compatibility

Detachers

- Magnetic 9kG Detachers
- Magnetic 5kG Detacher
- Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Storage temperature range:
0-40°C (32-104°F)

Humidity

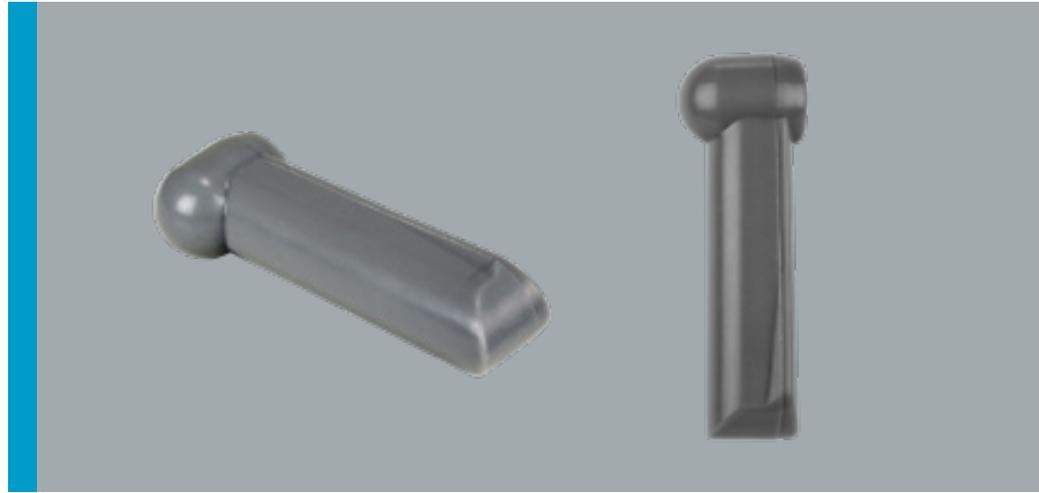
Unaffected by 20-85% humidity

Specifications

- Color** Gray, Black
- Length** 45mm (1.77in)
- Width** 19mm (0.748in)
- Depth** 12mm (0.472in)
- Weight** 9g (0.32oz)
- Pullout Force** ≥ 45kg (99.2lbs)
- Lock Magnetic Strength** 5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Super Pencil Tag

Thin and sleek, the Super Pencil tag adds a modern look to the traditional AM Ferrite EAS solution. Offering robust engineering, easy in-store application and removal at the point-of-sale, this hard tag provides a strong visual deterrent with reliable detection for optimal merchandise protection. Ideal for wide exit coverage areas, it is a seamless addition to any existing AM EAS detection environment.

Retailer Values

- // Thin and sleek design adds a modern look to traditional AM Ferrite EAS protection
- // Ideal for wide exit coverage areas
- // Promotes open merchandising for increased sales

Solution Application

Outerwear, Suits, Denim, Footwear, Apparel

Product Codes

ZLAMT6011-5 (5kG) - Tack included
ZLAMT6011-9 (9kG) - Tack included

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Specifications

Color	Dark Gray
Length	61.6mm (2.43in)
Width	15.4mm (0.61in)
Depth	19.8mm (0.78in)
Weight	9.07g (0.32oz)
Pullout Force	>45kg (99lbs)
Lock Magnetic Strength	5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Soft Tag

The Soft Tag provides premier performance and merchandise protection. The reusable soft tag is sealed inside a flexible, clear plastic pouch for easy reuse without having to deactivate. It is attached to merchandise via a plastic cord typically supplied by the retailer or via a standard Ultra-Gator pin or micro clamp.

Retailer Values

- // Sealed inside clear pouch for easy reuse without deactivating
- // Small label footprint minimizes impact on brand promotion and important product information
- // Robust construction provides optimal merchandise protection

Solution Application

General Merchandise, Apparel

Product Codes

ZL60-2

Product Compatibility

Sensormatic AM detection and deactivation devices.

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Specifications

ColorBarcode

Length..... 28.7mm (1.13in)

Width 61.72mm (2.43in)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Bottle Cap Tag

The Bottle Cap Tag provides maximum anti-theft protection for wine and spirits. This innovative hard tag fits most bottle-neck sizes to prevent theft, in-store consumption or bottle content transfer. Its slim, transparent design provides a strong visual deterrent without interfering with merchandising or brand promotion. Containing both an AM non-deactivateable label and RF ferrite technology, this hard tag will alarm any EAS pedestal system if protected product passes through the detection zone.

Retailer Values

- // Strong visual deterrent for high-theft, high-value wine and spirits
- // Fits most bottle neck sizes
- // Form factor minimizes impact on store merchandising and brand promotion
- // Promotes open merchandising for increased sales

Solution Application

Spirits, Wine, Bottled Products

Product Codes

AM & RF Technology

Standard Bottle Cap

ZLAMT6017-5 (5kG)

ZLAMT6017-9 (9kG)

Large Bottle Cap

ZLAMT6017L-5 (5kG)

ZLAMT6017L-9 (9kG)

Product Compatibility

Detachers

Magnetic 9kG Detachers

Magnetic 5kG Detacher

Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Storage temperature range:

0-40°C (32-104°F)

Humidity

Unaffected by 20-85% humidity

Specifications

Color Black

Length..... Standard: 47.5mm (1.87in)

Large: 78.2mm (3.07in)

Width Standard: 41.5mm (1.63in)

Large: 49.0mm (1.93in)

Depth Standard: 18mm (0.71in)

Large: 72.2mm (2.84in)

Weight Standard: 65g (0.144lbs)

Large: 81g (0.18lbs)

Pullout Force 45kg (99.20lbs)

Lock Magnetic Strength..... 5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

Standard Bottle Cap Tag





Magnetic Golf Tag

This sleek, lightweight design provides exceptional protection for high-value golf equipment. With placement on the shaft of the club and a modern look, this tag promotes a pleasant “try-out” experience with a strong visual deterrent to would-be shoplifters.

Retailer Values

- // Secures high-value golf equipment with ease
- // Promotes open merchandising for increased sales
- // Visually appealing; does not affect shopper experience

Solution Application

Golf Clubs, Fishing Rods

Product Codes

ZLAMT6009-5 (5kG)
ZLAMT6009-9 (9kG)

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

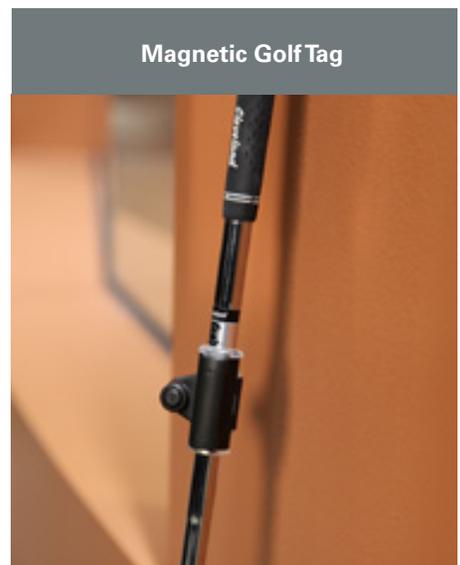
Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Specifications

Color	Black
Length	63.2mm (2.48in)
Width	20mm (0.79in)
Depth	43.7mm (1.72in)
Weight	36.28g (1.28oz)
Pullout Force	>45kg (99lbs)
Lock Magnetic Strength	5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Bat Tag

This unique, hard tag provides maximum protection for hard-to-tag sporting equipment including baseball bats, fishing rods and tennis rackets. With placement on the shaft of the merchandise, the tag does not interfere with customers' handling of equipment.

Retailer Values

- // Provides maximum protection for hard-to-tag sporting equipment
- // Reusable; the long shelf life helps reduce shrink and decrease operational costs
- // Promotes open merchandising for increased sales
- // Visually appealing, does not affect shopper experience

Solution Application

Baseball Bats, Fishing Rods, Tennis Rackets

Product Codes

ZLAMT6010-5 (5kG)
ZLAMT6010-9 (9kG)

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Specifications

Color Black
Length..... 63.2mm (2.48in)
Width 20mm (0.79in)
Depth 43.7mm (1.72in)
Weight36.28g (1.28oz)
Pullout Force >35kg (77lbs)
Lock Magnetic Strength.....5kG, 9kG

CE This Product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic High-Heel Footwear Tag

This innovative, hard tag for high-heel pumps fastens to the back of the shoe with a lanyard cable and adjustable knob for protection without damage. Easy-to-remove with compatible Sensormatic detachers, the aesthetic tag design allows open merchandising with a strong visual deterrent that doesn't detract from the customer "try-on" experience. Available in AM or RF technology.

Retailer Values

- // The first of its kind, this unique tag protects hard-to-tag high-heel pumps without causing cosmetic damage
- // High magnetic strength for superior detection
- // Reusable; the long shelf life helps reduce shrink and decrease operational costs
- // Does not interfere with customer "trying-on" experience

Solution Application

High-Heel Pumps

Product Codes

AM Technology

ZLAMT4300-5 (5kG)
ZLAMT4300 (9kG)

RF Technology

RFT4300 (9kG)

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

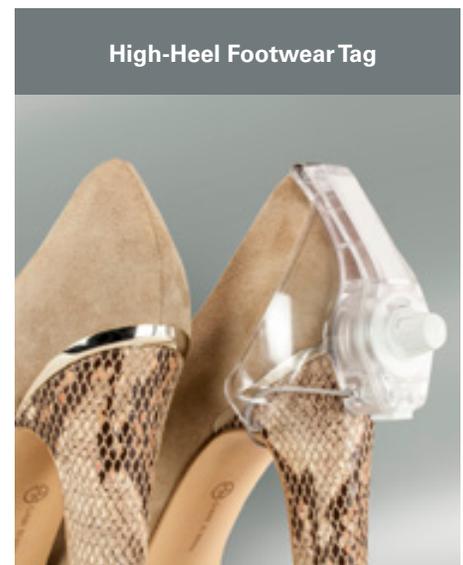
Humidity

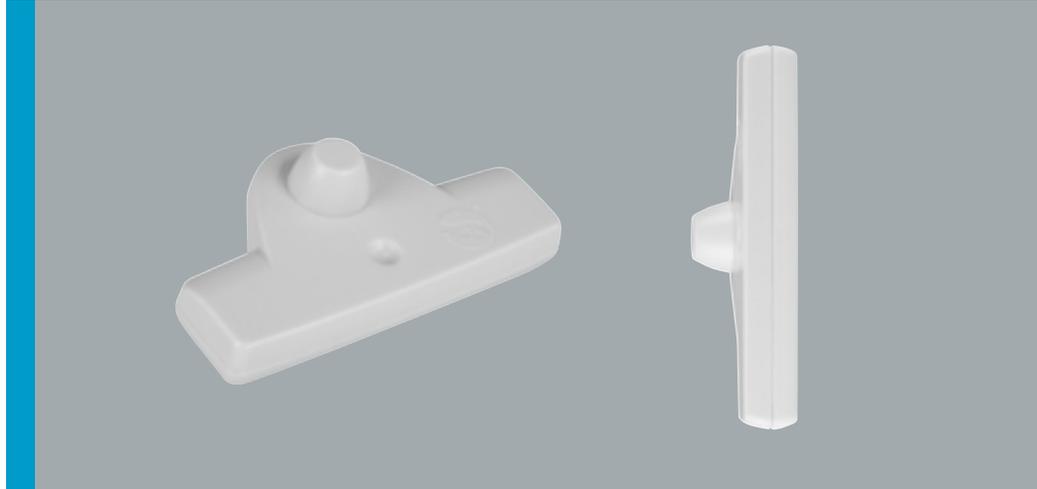
Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Specifications

Color	Gray
Length	99mm (3.89in)
Width	69mm (2.71in)
Depth	70mm (2.75in)
Weight	37.7g (1.32oz)
Lock Magnetic Strength	5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Delicate Tag

The Delicate Tag protects easily damaged apparel and fine garments, without fear of rips or stretching from heavy tags with large pinholes. A strong visual deterrent, this tag delivers optimal merchandise protection to scarves, blouses, sarees, lingerie, bathing suits and other high-value, high-theft apparel. Available in AM or RF technology.

Retailer Values

- // Protects delicate fine merchandise with reduced risk of snags, rips or tears
- // Small tag form allows easy stacking of garments for maximum merchandising flexibility
- // Small size and neutral color for low impact to merchandise
- // Promotes open merchandising for increased sales

Solution Application

Specialty Apparel, Delicate Apparel

Product Codes

AM Technology

- Tag (Gray): ZLAMT3220-G
- Tack (Gray): MJ3220-G
- Tag (Black): ZLAMT3220-B
- Tack (Black): MJ3220-B

RF Technology

- Tag (Gray): RFT3220-G
- Tack (Gray): MJ3220-G
- Tag (Black): RFT3220-B
- Tack (Black): MJ3220-B

Product Compatibility

Detachers

- Magnetic 9kG Detachers
- Magnetic 5kG Detacher
- Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

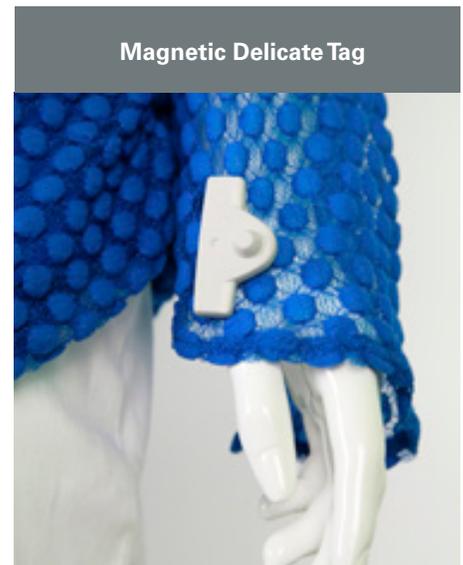
Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Specifications

- Color** Gray, Black
- Length** 45mm (1.77in)
- Width** 25mm (0.98in)
- Weight** 4.0g (0.14oz) with tack
- Lock Magnetic Strength** 5kG
- Pullout Force** 31.75kg (70lbs)
- Material Thickness** 0.1mm-0.3mm
(0.0039in-0.012in)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Clamp Tag

The Magnetic Clamp Tag combines ease of use and merchandise protection into a secure, one-piece hanging hard tag. The reusable tag keeps high-value, high-theft items secure and accessible, allowing retailers to open-merchandise with confidence. Easy removal of the tag at the point-of-sale helps improve front-end checkout efficiencies. Available in either AM or RF technology, this visible deterrent is a desirable addition to any existing AM or RF EAS loss prevention program.

Retailer Values

- // Promotes open merchandising for high-risk items allowing shoppers to easily view and purchase items
- // Reduces time and labor required to apply and remove tags with one-piece design
- // Speeds up front-end checkout efficiencies with easy tag removal at the point-of-sale

Suggested Solution Application

Ink Cartridges, Razor Blades, Batteries, Mobile Phone Accessories, Small Electronic Devices

Product Codes

AM Technology:

- ZLAMT6022B-5: Black (5kG)
- ZLAMT6022W-5: White (5kG)
- ZLAMT6022B-9: Black (9kG)
- ZLAMT6022W-9: White (9kG)

RF Technology:

- RFT6022B-5: Black (5kG)
- RFT6022W-5: White (5kG)
- RFT6022B-9: Black (9kG)
- RFT6022W-9: White (9kG)

Product Compatibility

Detachers

- Magnetic 9kG Detachers
- Magnetic 5kG Detacher
- Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Storage temperature range:
0°C to 40°C (32°F to 104°F)

Humidity

20-85%

Specifications

Color Black & White

Length 48mm (1.88in)

Width 36mm (1.41in)

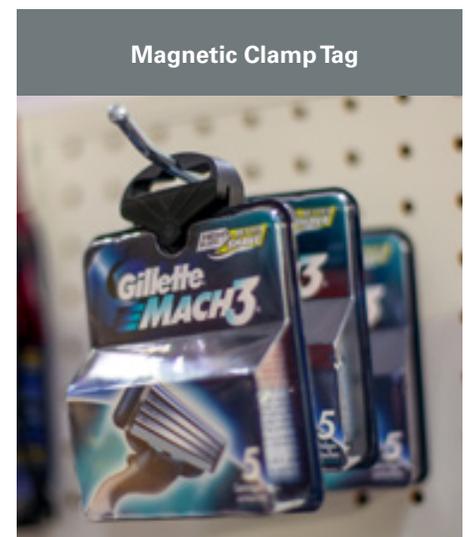
Depth 16mm (0.629in)

Weight

AM & RF Technology.....20g (0.705oz)

Lock Magnetic Strength.....5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Alarming 3-Tone Wrap

The 3-tone alarming wrap features adjustable cables that secure around merchandise of medium shape and size. The robust design offers a strong visual deterrent, while the low-profile footprint minimizes impact on brand promotion. When secured, the 3-tone wrap tag emits an audible alarm if defeat is attempted and alarms the pedestal system if protected products pass through the detection zone. For additional security, the wrap itself will alarm when tagged merchandise is removed from the retail store. The tag alarm will stop once the battery is depleted or the tag is reset.

Retailer Values

- // Wraps securely around merchandise of medium shape and size
- // 3-tone alarming feature provides the highest level of security to high-value, high-risk merchandise
- // Promotes open merchandising for increased sales

Solution Application

Electronics, Laptops, Software, Power Tools, Video Games, Toys, Games

Product Codes

ZLAMT6003-5 (5kG)
ZLAMT6003-9 (9kG)

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 66°C (150°F) for 96 hours at 80% RH.

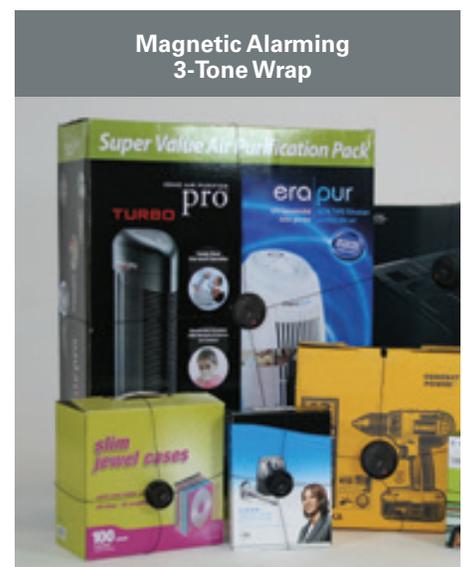
Humidity

Unaffected by 80% humidity at 66°C (150°F), up to 96 hours

Specifications

Color Black
Length 57mm (2.24in)
Cable Length 720mm (28.3in)
Width 47mm (1.85in)
Weight 113.40g (4oz)
Lock Magnetic Strength 5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Alarming 2-Tone Wrap

This 2-tone alarming wrap provides product security for a broad range of popular, high-valued merchandise. The adjustable cables secure packaging of all shapes and sizes, but still keep items accessible. When secured, the 2-tone wrap tag emits an audible alarm if defeat is attempted and alarms AM or RF pedestal systems if protected products pass through the detection field. The wrap alarm will stop when the battery is depleted or when properly detached. The robust design provides a strong visual deterrent while the small form factor minimizes impact on brand promotion.

Retailer Values

- // Wraps securely around merchandise of all shapes and sizes
- // 2-tone alarming feature adds an extra layer of security to high-value, high-risk merchandise
- // Small form factor minimizes impact on brand promotion

Solution Application

Small Wrap: Video Games, Small Electronics, Hand Tools, Gift Box Sets, CD/DVD Collections, Software, E-Readers, Digital Cameras

Medium Wrap: Electronics, Laptops, Software, Power Tools, Video Games, Toys, Games

Product Codes

Small Wrap:

ZLAMT6001-5 (5kG)
ZLAMT6001-9 (9kG)

Medium Wrap:

ZLAMT6002-5 (5kG)
ZLAMT6002-9 (9kG)

Product Compatibility

Detachers

Magnetic 9kG Detachers
Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 66°C (150°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 66°C (150°F), up to 96 hours

Specifications

Color	Black
Length	Small: 45mm (1.77in) Medium: 47mm (1.85in)
Cable Length	Small: 360mm (14.1in) Medium: 720mm (28.3in)
Width	Small: 45mm (1.77in) Medium: 47mm (1.85in)
Weight	Small: 58.96g (2.08oz) Medium: 90.71g (3.2oz)
Lock Magnetic Strength	5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Magnetic Infant Formula Tag

This unique Sensormatic hard tag is designed to protect high-value, high-risk infant formula cans, while promoting open merchandising on the sales floor. The robust tag attaches to the base of a formula can, or other similarly shaped item, for a strong visual deterrent. Its slim form factor minimizes impact to brand promotion and product instructions, and allows shoppers to access and purchase with ease. When secured, the tag will alarm an AM or RF detection system if a protected product passes through the detection zone.

Retailer Values

- // Maximum security for high-value, high-risk infant formula
- // Promotes open merchandising by allowing shoppers to easily access and purchase products
- // Attractive design minimizes impact to product merchandising and allows stacking
- // Robust tag is easy to attach and remove from merchandise

Solution Application

Infant formula, coffee cans

*Diameter size of merchandise to protect
128–132mm (5.03–5.19in)

Product Codes

ZLAMT6020-5 (5kG, Black)

ZLAMT6020-9 (9kG, Black)

Product Compatibility

Magnetic 9kG Detachers

Magnetic 5 and 9kG Detacher

Magnetic 5kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Storage temperature range
0°C - 40°C (32°F -104°F)

Humidity

Unaffected by 20–85% humidity

Specifications

Color Black

Max Diameter 165mm (6.49in)

Height 32mm (1.25in)

Weight 108.86g (3.84oz)

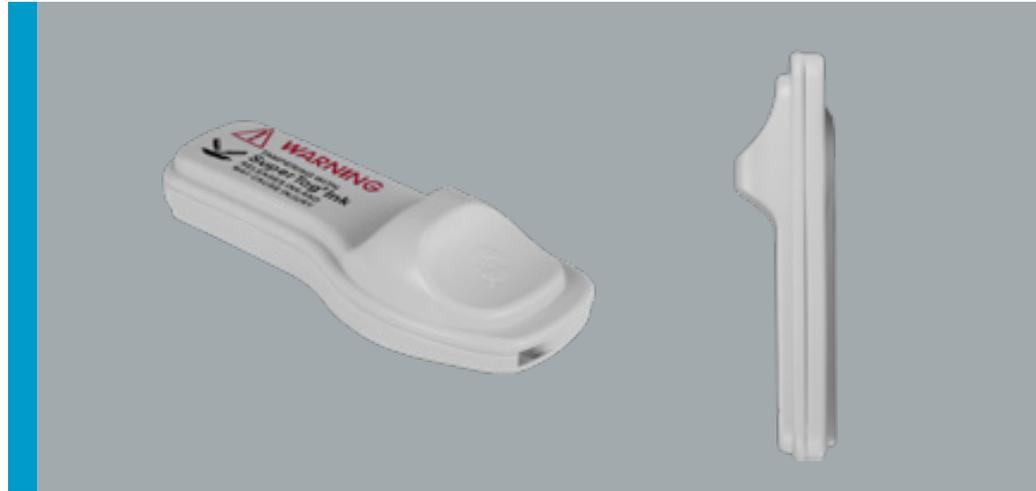
Pullout Force 40kg (88lbs)

Lock Magnetic Strength.....9kG, 5kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

Magnetic Infant Formula Tag





SuperTag Ink

The SuperTag Ink combines the superior defeat resistance of the SuperTag with the added deterrence of ink. The small, lightweight design provides a visual warning that complements other Sensormatic tagging solutions. If defeat is attempted, the non-freezable, non-toxic, non-flammable aggressive ink permanently stains garments, denying the benefit of shoplifting.

Retailer Values

- // Features permanent, non-toxic, non-flammable, non-freezable ink
- // SuperTag, the gold standard in asset protection, features a patented clamp design for superior defeat resistance
- // Enhances existing SuperTag security platform without changing detachers
- // Protects high-risk, high-value merchandise with an additional layer of security for the existing SuperTag platform

Solution Application

Apparel

Product Codes

Tag (Gray with Yellow Ink and Universal Warning): ZL310Y-G
Tack (Gray): MJ200-G

Product Compatibility

Detachers

SuperTag Detacher
SuperTag Manual Handheld Detacher

Detacher Type

SuperTag

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Specifications

Color	Gray
Length	79mm (3.1in)
Width	30.5mm (1.2in)
Depth	18.8mm (0.74in)
Weight	16.8g (0.59oz)
Pullout Force	63.5kG (140lbs)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Sensor-Ink Mini Tag

The Sensor-Ink Mini is the perfect benefit denial solution for protecting everything from heavy denims to delicate intimates. Small, lightweight and durable, the reusable non-EAS Sensor-Ink Mini meets the retailer demand for a high-integrity, cost-effective solution. It features a visible ink vial with a universal warning, providing a strong visual deterrent for would-be thieves. If defeat is attempted, the non-freezable, non-toxic, non-flammable aggressive ink permanently stains garments, denying the benefit of shoplifting. When paired with any SuperTag hard tag, the Sensor-Ink Mini provides both benefit denial and AM EAS protection.

Retailer Values

- // Small design minimizes impact to displayed merchandise
- // Features permanent, non-toxic, non-flammable, non-freezable ink
- // Provides a visual deterrent against shoplifting
- // Stainless-steel tack will not snag or tear garments and will not rust

Solution Application

General Merchandise, Apparel, Specialty Apparel

Product Codes

MJRMIN-G

Product Compatibility

Detachers

- SuperTag Detacher
- SuperTag Manual Handheld Detacher
- Ultra-Gator Detacher
- Ultra-Gator Manual Handheld Detacher
- Magnetic 5kG Detacher

Detacher Type

SuperClamp, all SuperTags, MicroClamp and Ultra-Gator

Specifications

Color	White
Length	36.9mm (1.5in)
Width	23.9mm (0.9in)
Depth	12.9mm (0.5in)
Weight	5g (0.16oz)
Pullout Force	11.34kg (25lbs)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Magnetic Saucer Ink Tag

The Saucer Ink tag provides double protection: dual ink vials for visual deterrence and a choice of AM Ferrite or RF technology. The slim design with visible ink vials provides maximum theft prevention. The tag secures a wide variety of high-risk merchandise, while allowing retailers to open merchandise with confidence.

Retailer Values

- // Works with both AM Ferrite or RF technology
- // Flat profile does not interfere with the shopper experience
- // Visible ink vials for maximum theft deterrence

Solution Application

Denim, Designer Apparel, Footwear, Sportswear, Swimsuits, Home Fashions, Backpacks

Product Codes:

AM Technology:

ZLAMT6015-5 (5kG)
ZLAMT6015-9 (9kG)
MJ6015 - Metal Tack

RF Technology:

RFT6015-5 (5kG)
RFT6015-9 (9kG)
MJ6015 - Metal Tack

Product Compatibility

Detachers

Magnetic 9kG Detacher's
Magnetic 5 and 9kG Detacher
Magnetic 5kG Detacher

Detacher Type

Magnetic

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

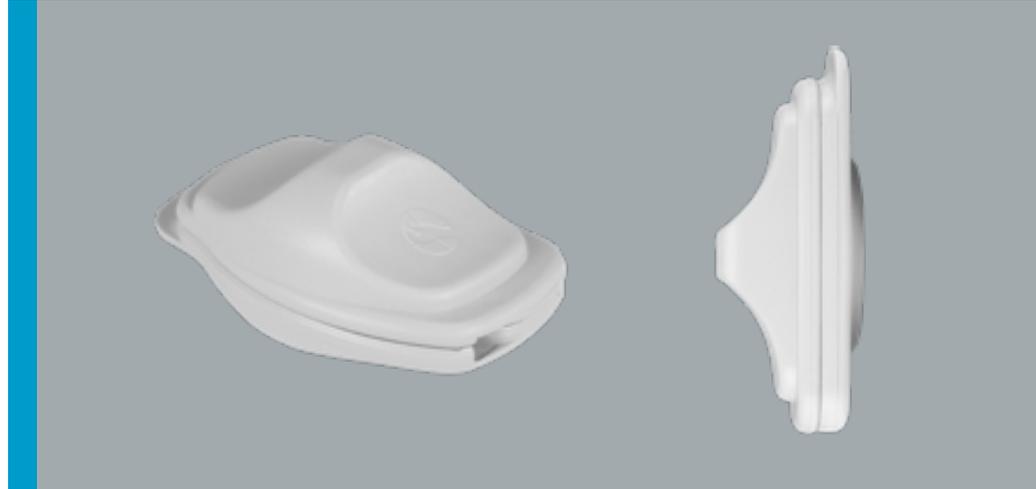
Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours

Specifications

Color White
Depth 18.5mm (0.73in)
Diameter Tag: 50mm (1.97in)
Pin: 1.2mm (0.05in)
Weight 17g (0.6oz) includes pin
Pullout Force 58.96kg (130lbs)
Lock Magnetic Strength 5kG, 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



SuperClamp

The SuperClamp is designed to hold Ultra•Ink or Sensor-Ink to soft goods. This reusable clamp detaches via SuperTag detachers for an added benefit to customers who use SuperTag hard tags. This product must be used with a benefit denial tag to provide asset protection value.

Retailer Values

// Locking device holds either Ultra•Ink or Sensor-Ink to soft goods

Solution Application

Apparel

Product Codes

ML50-G

Product Compatibility

Detachers

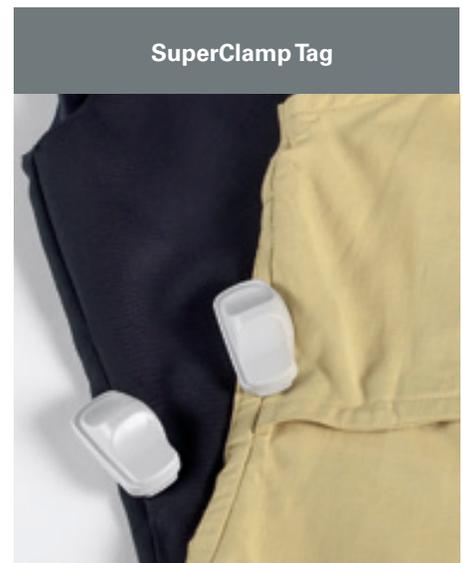
SuperTag Detacher
SuperTag Manual Handheld Detacher

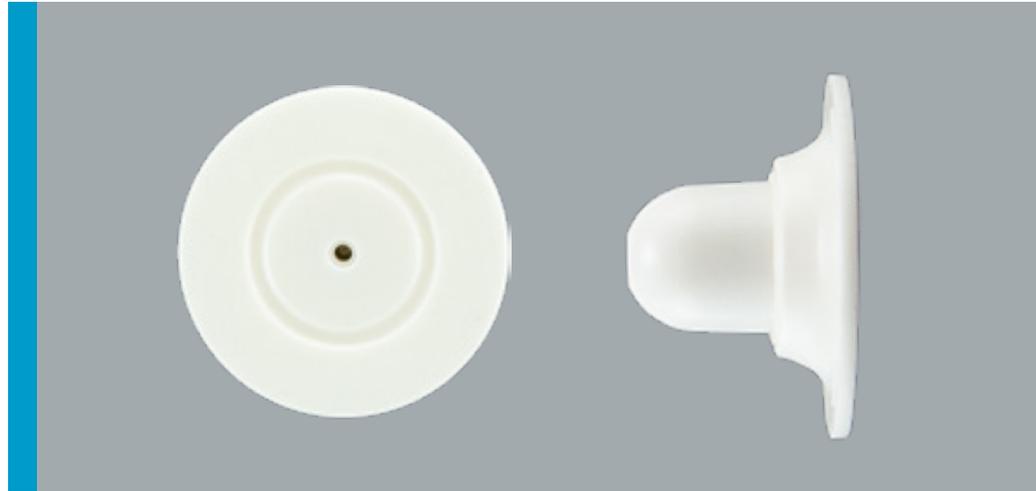
Detacher Type

SuperTag

Specifications

Color Gray
Length..... 51mm (2.0in)
Width 30mm (1.18in)
Depth 18.75mm (0.73in)
Weight 9g (0.32oz)
Pullout Force 63.5kG (140lbs)





Clutch Retainer II

The Clutch Retainer II is a reusable magnetic locking device designed to hold Sensor-Ink or other benefit denial magnetic tags. This product must be used with a benefit denial tag to provide asset protection value.

Retailer Values

- // Designed to hold Sensormatic benefit denial tags
- // Protects ink tags if they are not installed through an active hard tag

Solution Application

Apparel

Product Codes

ST14594

Product Compatibility

Detachers

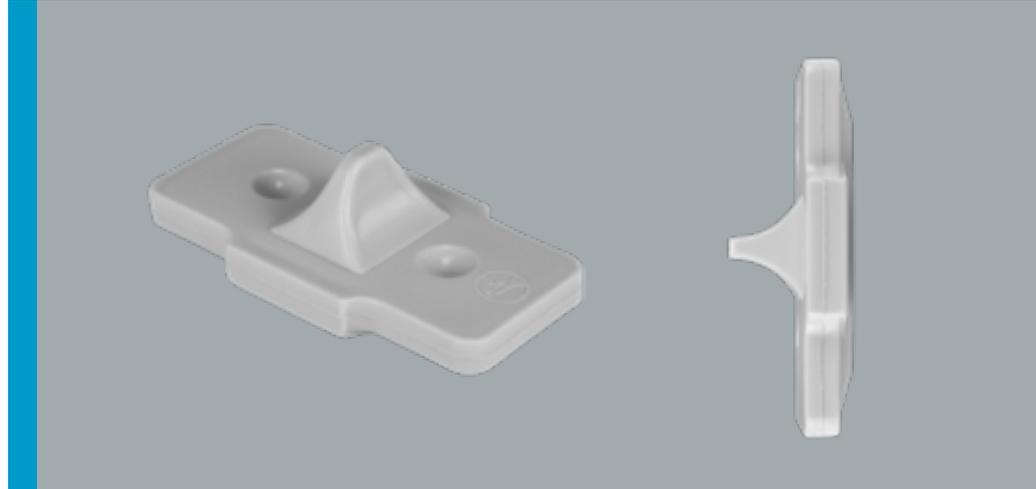
- Magnetic 9kG Detachers
- Magnetic 5 and 9kG Detacher
- Magnetic 5kG Detacher

Detacher Type

Magnetic

Specifications

- Color** Gray
- Depth** 16.8mm (0.66in)
- Diameter** 28.6mm (1.12in)
- Weight** 5.67g (0.2oz)
- Pullout Force** 54.43kg (120lbs)



MicroClamp

The MicroClamp is designed to hold Ultra•Ink, InkTag III or Sensor-Ink for a reusable benefit denial solution. This reusable clamp detaches via Ultra-Gator hand or power detachers for an added benefit to customers who use Ultra-Gator hard tags. This product must be used with a benefit denial tag to provide asset protection value.

Retailer Values

// Protects ink tags if not installed through an active hard tag

Solution Application

Apparel

Product Codes

MX90

Product Compatibility

Detachers

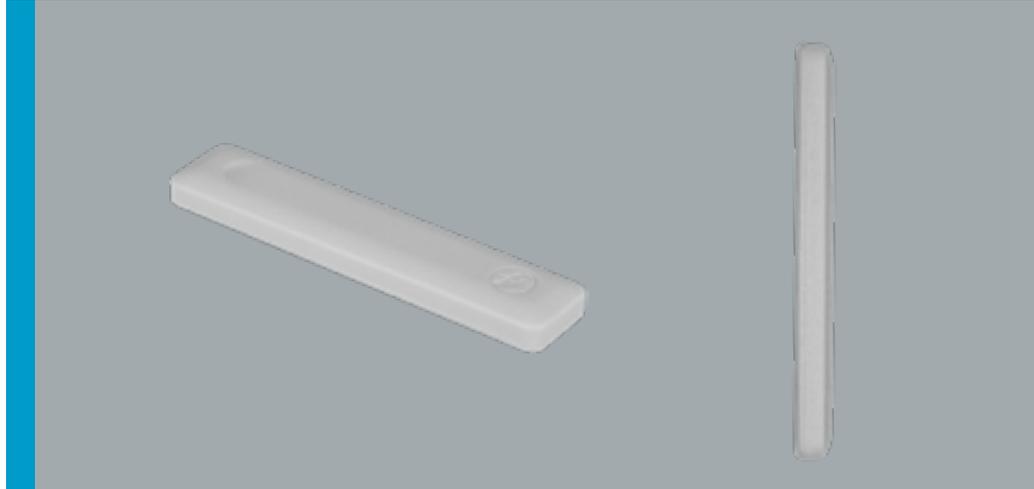
Ultra-Gator Detacher
Ultra-Gator Manual Handheld Detacher

Detacher Type

Ultra-Gator

Specifications

Color Gray
Length..... 51mm (2.0in)
Width 28.5mm (1.12in)
Depth 16mm (0.63in)
Weight 8.45g (0.3oz)
Pullout Force54.43kg (120lbs)



Non-Adhesive Hard Tag

The non-deactivatable, reusable Non-Adhesive Hard Tag delivers high-performance AM EAS technology in a small hard tag design. Ideal for drop in applications, such as handbags or wallets, this lightweight, compact tag provides a strong visual deterrent with low impact to merchandise display.

Retailer Values

- // Non-adhesive for drop in applications such as handbags or wallets
- // Non-deactivatable and reusable to help preserve the bottom line
- // Lightweight design and small footprint provide the right visual deterrent for small or delicate merchandise
- // Rigid ABS housing helps minimize tampering by would-be shoplifters

Solution Application

Apparel, General Merchandise, Specialty Apparel, Sporting Goods, DIY, Jewelry

Product Codes

ZLAMT5000-G

Product Compatibility

Sensormatic AM EAS detection systems

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

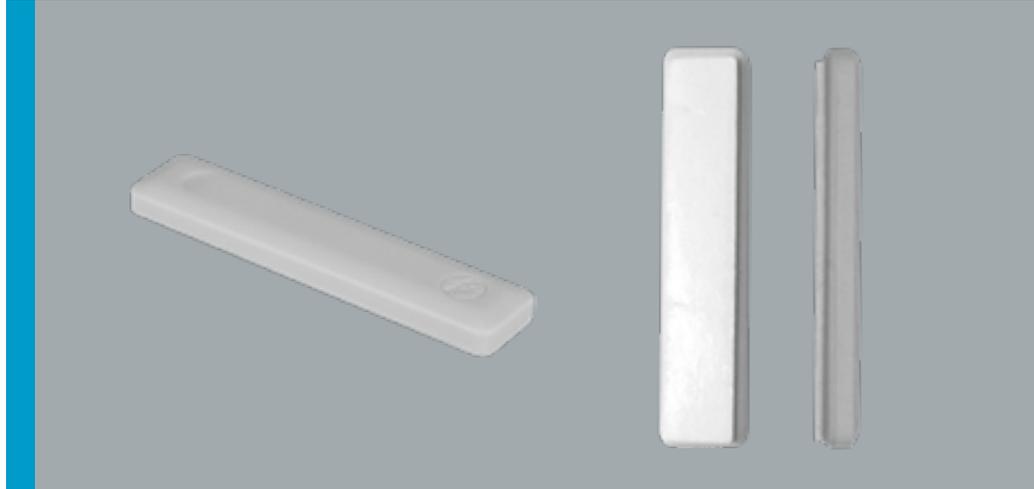
Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray
Length	42mm (1.65in)
Width	9mm (0.35in)
Height	4mm (0.16in)
Weight	1.4g (0.04oz)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Adhesive Hard Tag

The non-deactivatable, reusable Adhesive Hard Tag delivers high-performance AM EAS technology in a small hard-tag design. The high-bond adhesive quickly attaches to any flat surface, making this tag ideal for protecting display items and assets that should not be removed from the store. The lightweight, compact tag provides a strong visual deterrent with low impact to merchandise on display.

Retailer Values

- // Non-deactivatable tag is ideal for protecting display items and store assets that should not be removed from the store
- // High-bond adhesive attaches quickly to any flat surface
- // Rigid ABS housing helps minimize tampering by would-be shoplifters

Solution Application

Display Items, General Merchandise

Product Codes

ZLAMT5000A-G

Product Compatibility

Sensormatic AM EAS detection systems

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 60°C (140°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 60°C (140°F), up to 96 hours.

Specifications

Color	Gray
Length	42mm (1.65in)
Width	9mm (0.35in)
Height	5mm (0.20in)
Weight	1.5g (0.05oz)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Eyelet Hard Tag

The non-deactivatable, reusable Eyelet Hard Tag delivers high-performance AM EAS technology in a small hard-tag design. It easily attaches to small, delicate merchandise, such as jewelry and accessories, with a cable tie or lanyard. Lightweight and compact, this tag provides a strong visual deterrent with low impact to merchandise on display.

Retailer Values

- // Easily attaches to merchandise with a cable tie or lanyard
- // Lightweight design and small footprint provide the right visual deterrent for small or delicate merchandise
- // Rigid ABS housing helps minimize tampering by would-be shoplifters

Solution Application

Apparel, General Merchandise, Specialty Apparel, Sporting Goods, DIY, Jewelry

Product Codes

ZLAMT5000T-G

Product Compatibility

Sensormatic AM EAS detection systems

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 66°C (150°F) for 96 hours at 80% RH.

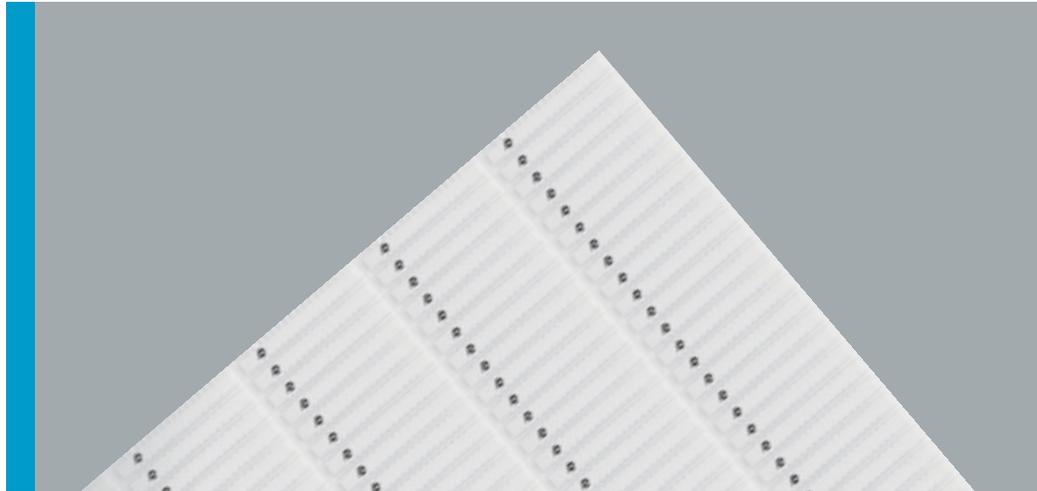
Humidity

Unaffected by 80% humidity at 66°C (150°F), up to 96 hours.

Specifications

Color	Gray
Length	52mm (2.0in)
Width	10mm (0.39in)
Height	4mm (0.16in)
Weight	1.7g (0.06oz)
Hole 1	2 x 2.5mm (0.08 x 0.10in)
Hole 2	2.7 x 4.2mm (0.11 x 0.17in)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



HBC Sheet Label

The Health, Beauty & Cosmetic (HBC) Sheet Label delivers merchandise protection using proven Sensormatic technology to fit the narrowest of merchandise. This AM EAS label design secures items small enough to quickly hide or those that may be taken without attracting attention. The HBC label provides consistent deactivation at the point-of-sale (POS) and reliable detection performance.

Available for in-store hand application, this label can also be applied to merchandise at the point of manufacturing. This allows retailers to receive floor-ready merchandise with consistent label placement to help expedite receiving and selling floor fulfillment.

Retailer Values

- // Utilizes proven Sensormatic AM technology and manufacturing processes
- // Protects cylindrically-shaped merchandise too narrow for traditional EAS labels such as cosmetics, skin care and oral health products
- // Permits open merchandising while still combatting theft

Suggested Solution Application

Cosmetics, Skin Care, Oral Health Products, Pain Relief

Product Codes

ZLHBCS1: White
ZLHBCS5: Black

Technology

AM

Product Compatibility

Sensormatic AM detection and deactivation devices

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

Two years from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Mode of Application

Hand

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.254mm (0.010in) thickness

Materials of Construction (con't)

Magnetic Acoustic Resonator

Proprietary resonant magnetic material. Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate

Low Density Polyethylene/Polyester Polyethylene 0.101mm (0.004in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

// 2.4 mil thick per side

// Minimum peel strength of 2.27kg/5lbs

Release Liner

Double-sided, silicon-coated 80 lb bleached Kraft liner 0.114mm (0.0045in)

Dimensions

ColorWhite, Black

Length45.21mm + 0.5mm
(1.78 + 0.020in)

Width6.0mm + 0.25mm
(0.236in + 0.010in)

Label Thickness

(excluding liner)..... Maximum
1.6mm (0.063in)

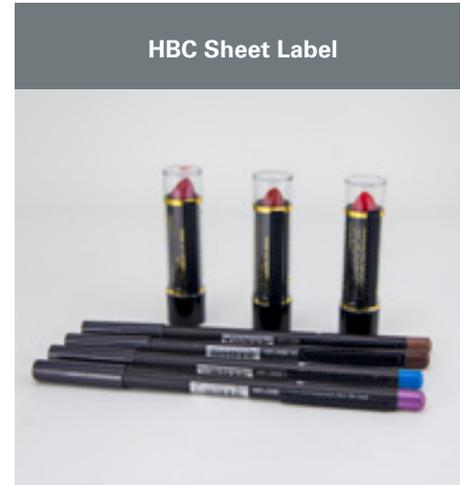
(including liner)..... Maximum
1.8mm (0.070in)

Labels Per Sheet 192

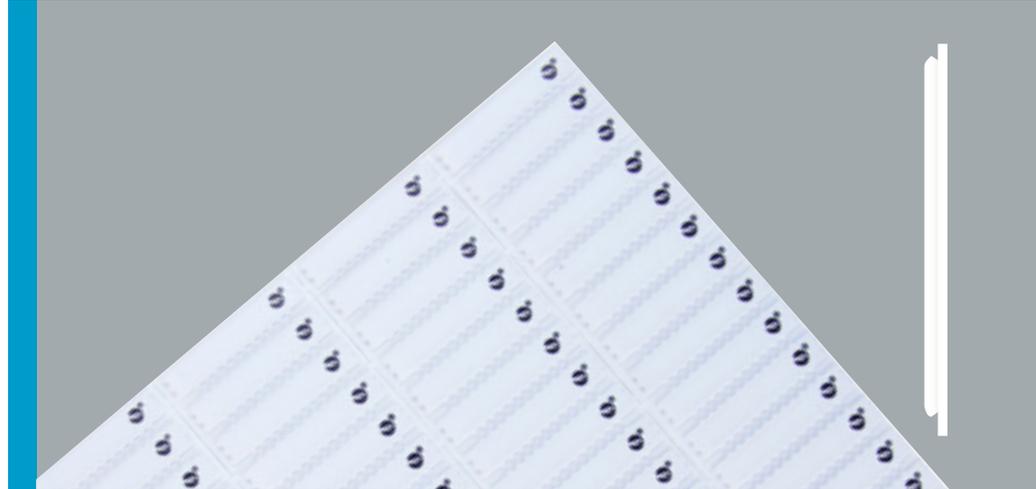
Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE The acousto-magnetic (AM) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage Instructions



SPECIFICATIONS	
	Sheet
PRODUCT CODES	ZLHBCS1, ZLHBCS5
Case Weight	2.380kg (5.24lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	160
Order Multiple	8,864-unit case



APX Sheet Label

The premier choice in label performance and merchandise protection.

The Advanced Performance Xtreme (APX) Sheet Label delivers top-of-the-line performance and superior merchandise protection using proven Sensormatic technology. The APX Label provides exceptional range, sensitivity, tamper-resistance, detection and consistent deactivation at the point-of-sale (POS) with virtually no nuisance alarms. This robust and stable AM EAS label operates efficiently after exposure to environmental stresses, including shipping and handling. Available for in-store hand application, this label can also be applied to merchandise at the point of manufacturing so retailers can receive floor-ready merchandise with consistent label placement-expediting receiving and selling floor fulfillment.

Retailer Values

- // Utilizes proven Sensormatic AM technology and manufacturing process to provide reliable detection performance
- // Quality materials and precision manufacturing help deliver consistent deactivation at the POS

- // Small label footprint minimizes impact on brand promotion and important product information
- // Robust construction provides optimal merchandise protection
- // Works well on liquids, foils and in metal shopping carts
- // Reactivatable for unlimited reuse

Product Codes

- ZLAPXS1: White
- ZLAPXS2: Mock Barcode
- ZLAPXS5: Black

Technology

AM

Product Compatibility

Sensormatic AM detection and deactivation devices.

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

Two years from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Mode of Application

Hand

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.254mm (0.010in) thickness

Magnetic Acoustic Resonator

Proprietary resonant magnetic material Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate

Low Density Polyethylene/Polyester 0.101mm (0.004in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

- // 2.4 mil thick each side
- // Minimum peel strength of 2.27kg/5lbs/in.

Release Liner

Double-sided, silicon-coated 80lb. bleached Kraft liner 0.114mm (0.0045in) thick.

Dimensions

Color White, Mock Barcode, Black

Length 45.21mm ± 0.5mm
(1.78in ± 0.020in)

Width 10.67mm ± 0.5mm
(0.420in ± 0.020in)

Label Thickness

(excluding liner) Maximum
1.89mm (0.074in)

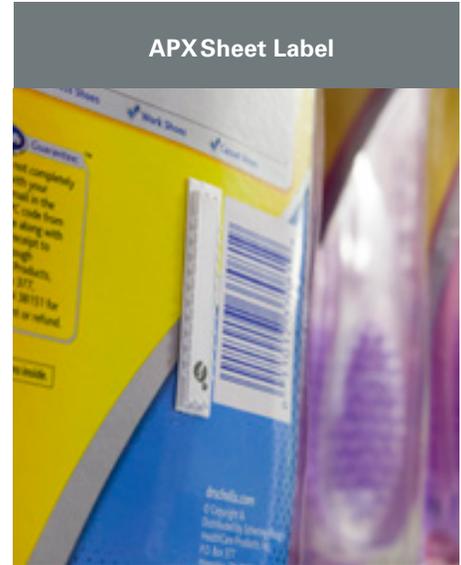
(including liner) Maximum
2.00mm (0.079in)

Labels Per Sheet 108

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE The acousto-magnetic (AM) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage Instructions



SHEET SPECS	
	Sheet
PRODUCT CODE	ZLAPXS1,ZLAPXS2 ZLAPXS5
Case Weight	2.486kg (5.48lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	160
Order Multiple	5,000-unit case



APX Roll Label

The premier choice in label performance and merchandise protection

The Advanced Performance Xtreme (APX) Roll Label delivers top-of-the-line performance and superior merchandise protection using proven Sensormatic technology. The APX Label provides exceptional range, sensitivity, tamper resistance, detection and consistent deactivation at the point-of-sale (POS) with virtually no nuisance alarms. This robust and stable AM EAS label operates efficiently after exposure to environmental stressors, including shipping and handling. This label design is for automatic application to merchandise at the point of manufacturing so retailers can receive floor-ready merchandise with consistent label placement, expediting receiving and selling floor fulfillment.

Retailer Values

- // Utilizes proven Sensormatic AM technology and manufacturing process to provide reliable detection performance
- // Applied at the source allows merchandise to arrive tagged and shelf ready, moving faster from receiving to sales floor

- // Better label adhesion ensures durability and longevity on merchandise during shipping, storage and handling
- // Permits open merchandising while still combatting theft
- // Quality materials and precision manufacturing help deliver consistent deactivation at the POS
- // Small label footprint minimizes impact on brand promotion and important product information
- // Works well when placed on liquids, foils and in metal shopping carts
- // Reactivable for unlimited reuse

Product Codes

Small Roll:

ZLAPX1K71: White
ZLAPX1K75: Black

Large Roll:

ZLAPX7K51: White
ZLAPX7K55: Black

Technology

AM

Product Compatibility

Sensormatic AM detection and deactivation devices.

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122° F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

Small Roll:

Two years from date of manufacture when labels are stored between 15°C -32°C (60°F-90°F), 30-80% RH.

Large Roll:

One year from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Mode of Application

Small Roll:

Hand or Tabletop

Large Roll:

Automatic

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.254mm (0.010in) thick

Magnetic Acoustic Resonator

Proprietary resonant magnetic material. Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Materials of Construction (cont'd)

Laminate

Low Density Polyethylene/Polyester
Polyethylene 0.101mm (0.0040in)

Bias

Proprietary semi-hard magnetic material
containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

// 2.4mil thick per side

// Minimum peel strength of 2.27kg/5lbs

Release Liner

PET (Polyethylene) film silicone treated
0.0508mm + - 10% thick

Dimensions

ColorWhite, Black

Length.....44.6mm ± 0.15mm
(1.76in ± 0.006in)

Width 10.16mm ± 0.15mm
(0.40in ± 0.006in)

Label Thickness

(excluding liner)..... Maximum
1.73mm (0.068in)

(including liner)..... Maximum
1.78mm (0.070in)

Liner Width.....48.64mm ± 0.75mm
(1.915in ± 0.030in)

Label Repeat14.73mm ± 0.75mm
(0.580in ± 0.030in)

Label to Liner Spacing

.....2.02mm ± 0.75mm Large
± 2.0mm Small
(0.080in ± 0.030in)

Note: Warranty terms and conditions
are as specified in the applicable Sales
Agreement.

CE This product is in conformity with
RoHS II Directive 2011/65/EU and REACH
Substances of Very High Concern as
defined in Regulation (EC) No 1907/2006
and subsequent amendments to both

See Sensormatic.com for Usage
Instructions

ROLL SPECIFICATIONS					
	Small Roll	Large Roll		Small Roll	Large Roll
PRODUCT CODE	ZLAPX1K71,ZLAPX1K75	ZLAPX7K51,ZLAPX7K55	PRODUCT CODE	ZLAPX1K71,ZLAPX1K75	ZLAPX7K51,ZLAPX7K55
Diameter Of Core	76.2mm (3in) core	152.4mm (6in) core*	External Carton Dimensions	27.6 x 24.5 x 30.5cm (10.88 x 9.63 x 12in)	51.8 x 51.8 x 25.4cm (20.38 x 20.38 x 10in)
Max Roll Diameter	240mm (9.45in)	500mm (19.7in)	External Cubic Ft. Per Case	0.73	2.4
Number Splices	3 splices, 1 leader splice	5 splices, 1 leader splice	Roll Size	1,700-unit roll	7,500-unit roll
Roll Weight	0.743kg (1.63lbs)	3.376kg (7.44lbs)	Rolls Per Case	5	4
Case Weight	4.63kg (10.20lbs)	15.49kg (34.15lbs)	Cases Per Pallet	48	16

*Includes 3in core adapter



APX Low Profile Roll Label

The premier choice in label performance and merchandise protection

The Advanced Performance Xtreme (APX) Roll Label delivers top-of-the-line performance and superior merchandise protection using proven Sensormatic technology. The APX Label provides exceptional range, sensitivity, tamper resistance, detection and consistent deactivation at the point-of-sale (POS) with virtually no nuisance alarms. This robust and stable AM EAS label operates efficiently after exposure to environmental stressors, including shipping and handling. This label design is for automatic application to merchandise at the point of manufacturing so retailers can receive floor-ready merchandise with consistent label placement, expediting receiving and selling floor fulfillment.

Retailer Values

- // Utilizes proven Sensormatic AM technology and manufacturing process to provide reliable detection performance
- // Applied at the source allows merchandise to arrive tagged and shelf ready, moving faster from receiving to sales floor

- // Better label adhesion ensures durability and longevity on merchandise during shipping, storage and handling
- // Permits open merchandising while still combatting theft
- // Quality materials and precision manufacturing help deliver consistent deactivation at the POS
- // Small label footprint minimizes impact on brand promotion and important product information
- // Works well when placed on liquids, foils and in metal shopping carts
- // Reactivable for unlimited reuse

Product Codes

Large Roll:
ZLAPX9K1: White

Technology
AM

Product Compatibility
Sensormatic AM detection and deactivation devices.

Environmental Constraints

Temperature
Maximum storage temperature not to exceed 50°C (122° F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

One year from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Mode of Application

Automatic

Materials of Construction

Plastic Substrate
Polystyrene/Polyethylene 0.254mm (0.010in) thick

Magnetic Acoustic Resonator

Proprietary resonant magnetic material. Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate

Low Density Polyethylene/Polyester Polyethylene 0.101mm (0.0040in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

- // 2.4mil thick per side
- // Minimum peel strength of 2.27kg/5lbs

Release Liner

PET (Polyethylene) film silicone treated 0.0508mm + - 10% thick

Dimensions

Color White

Length.....44.6mm ± 0.15mm
(1.76in ± 0.006in)

Width 10.16mm ± 0.15mm
(0.4in ± 0.006in)

Label Thickness
(excluding liner)..... 1.20mm ± 0.13mm
(0.047in ± 0.005in)

Liner Width48.64mm ± 0.75mm
(1.915in ± 0.030in)

Label Repeat14.73mm ± 0.75mm
(0.58in ± 0.03in)

Label to Liner Spacing
.....2.02mm ± 0.75mm
(0.080in ± 0.03in)

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both

See Sensormatic.com for Usage Instructions

Additional Consideration:
Must be applied to a rigid substrate

ROLL SPECIFICATIONS			
	Roll		Roll
PRODUCT CODE	ZLAPX9K1	PRODUCT CODE	ZLAPX9K1
Diameter Of Core	152.4mm (6in) core*	External Carton Dimensions	51.8 x 51.8 x 25.4cm (20.38 x 20.38 x 10in)
Max Roll Diameter	485mm (19in)	External Cubic Ft. Per Case	2.4
Number Splices	5 splices, 1 leader splice	Roll Size	9,000-unit roll
Roll Weight	4.04kg (8.90lbs)	Rolls Per Case	4
Case Weight	18.20kg (40.12lbs)	Cases Per Pallet	16

*Includes 3in core adapter



APX Non-Reactivatable Label

The APX Non-Reactivatable Sheet Label delivers top-of-the-line performance and superior merchandise protection. This label provides exceptional range, sensitivity, detection and consistent deactivation at the point-of-sale (POS) with virtually no nuisance alarms. This robust and stable AM EAS label operates efficiently after exposure to environmental stressors, including shipping and handling. This label design is for automatic application to merchandise at the point of manufacturing, and remains with the product after purchase. The non-reactivable design prevents inadvertent reactivation after customer purchase.

Retailer Values

- // Utilizes proven Sensormatic AM technology and manufacturing process to provide the highest detection performance
- // Non-reactivable format helps prevent inadvertent reactivation, reducing nuisance EAS alarms at the store entrance

// Merchandise arrives sales-floor ready, enabling immediate product availability

Solution Application

Footwear

Product Codes

ZLAML-APXDBS6: Sheet
ZLAML-APXDBS6-S: Bag (Singulated)

Technology

AM

Product Compatibility

Sensormatic AM detection and deactivation devices

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

Two years from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Mode of Application

Automatic

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.254mm (0.010in) thickness

Magnetic Acoustic Resonator

Proprietary resonant magnetic material. Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate

Low Density Polyethylene/Polyester
0.101mm (0.004in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

// 2.4 mil thick per side

// Minimum peel strength of 2.27kg/5lbs

Release Liner

Double-sided, silicon-coated 2 mil polyester

Dimensions

Color White

Length.....45.21mm + 0.5mm
(1.78 + 0.020in)

Width 10.67mm + 0.5mm
(0.420in + 0.020in)

Label Thickness

(excluding liner)..... Maximum
1.89mm (0.074in)

(including liner)..... Maximum
2.00mm (0.079in)

Labels Per Sheet 108

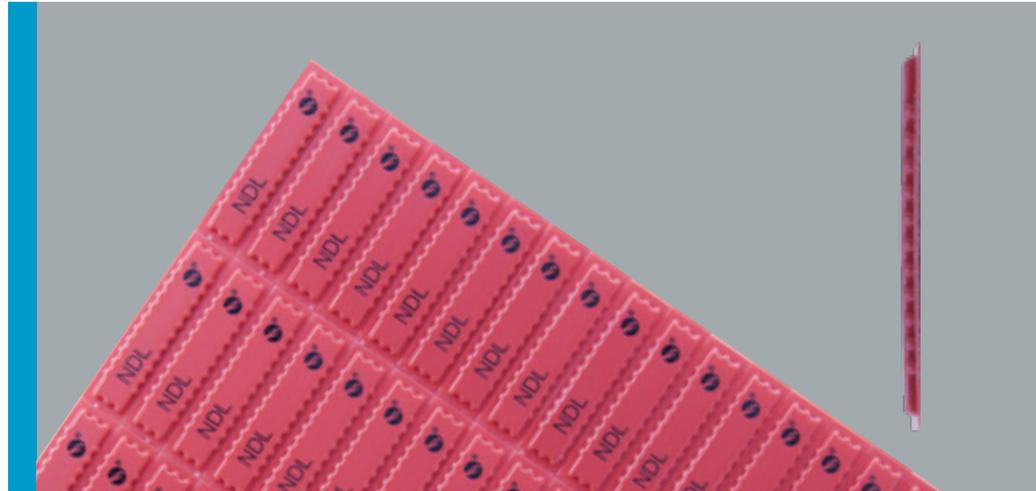
Labels Per Bag1,000

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE The acousto-magnetic (AM) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage Instructions

SPECIFICATIONS		
	Sheet	Bag
PRODUCT CODE	ZLAML-APXDBS6	ZLAML-APXDBS6-S
Case Weight	3.44kg (7.58lbs)	3.52kg (7.76lbs)
External Carton Dimensions	275X197X97 mm (10.8 x 7.8 x 3.8in)	275X197X197 mm (10.8 x 7.8 x 7.8in)
External Cubic Ft. Per Case	0.23	0.38
Cases Per Pallet	144	80
Order Multiple	5,000-unit case	5,000pcs/case



APX Non-Deactivatable Sheet Label (NDL)

The APX Non-Deactivatable Label delivers the stability and resistance to deactivation similar to a Sensormatic hard tag. This reusable anti-shoplifting label provides the highest anti-theft protection option for safers and asset protection solutions. The label remains active in a typical point-of-sale environment where it may come in close proximity to deactivators and magnetic detachers.

Retailer Values

- // Non-deactivatable format designed to protect safers and other asset protection solutions
- // Utilizes the proven Sensormatic AM technology to provide the highest detection performance available
- // Works well on liquids, foils and in metal shopping carts
- // Robust construction provides optimal merchandise protection

Product Codes

ZLAPX-NDL

Technology

AM

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

Two years from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Product Compatibility

Sensormatic AM detection and deactivation devices.

Mode of Application

Hand

Dimensions

Color Red

Length..... 45.21mm ± 0.5mm
(1.786in ± 0.020in)

Width 10.67mm ± 0.5mm
(0.420in ± 0.020in)

Label Thickness

(excluding liner)..... Maximum
2.1mm (0.082in)

(including liner)..... Maximum
2.3mm (0.090in)

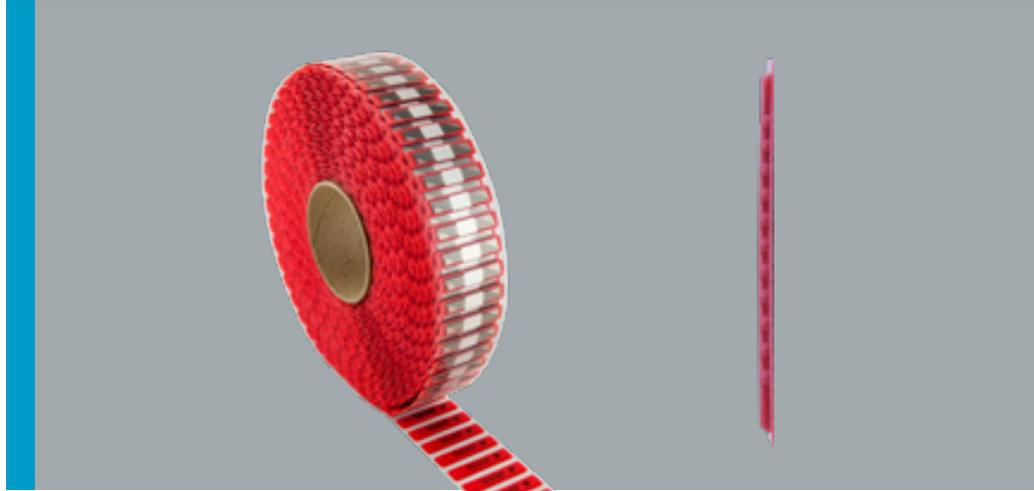
Labels Per Sheet 108

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE The acousto-magnetic (AM) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage Instructions

SHEET SPECS	
	Sheet
PRODUCT CODE	ZLAPX-NDL
Case Weight	2.85kg (6.28lbs)
External Carton Dimensions	279 x 20 x 11cm (11 x 8 x 4.5in)
Cases Per Pallet	160
Order Multiple	4000-unit case



APX Microwavable Roll Label

The APX Microwavable Label offers the highest level of anti-shoplifting protection in the smallest possible footprint. Tagging high shrink merchandise such as high-end meats, fish and shell fish can help reduce shrink and positively impact the retailer's bottom line. This label features a precautionary warning text and is configured for hand application to external product packaging.

Retailer Values

- // Configured for hand application to external product packaging
- // Designed for food products that will be microwaved
- // Utilizes proven Sensormatic AM technology and manufacturing process to provide reliable detection performance
- // No detection interference caused by meat or fish products
- // Robust construction provides optimal merchandise protection

Product Codes

Small Roll:
ZLAPXM1K43

Technology

AM

Product Compatibility

Sensormatic AM detection and deactivation devices

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

Two years from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Mode of Application

Small Roll:
Hand or Tabletop

Materials of Construction

Plastic Substrate
Polystyrene/Polyethylene 0.254mm (0.010in) thick

Magnetic Acoustic Resonator

Proprietary resonant magnetic material Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate

Low Density Polyethylene/Polyester Polyethylene 0.101mm (0.0040in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

- // 2.4 mil thick per side
- // Minimum peel strength of 2.27kg/5lbs

Release Liner

PET (Polyethylene) film silicone treated 0.0508mm + - 10% thick

Dimensions

Color	Red
Length	44.60mm ± 0.15mm (1.76in ± 0.006in)
Width	10.16mm ± 0.15mm (0.40in ± 0.006in)
Label Thickness (excluding liner)	Maximum 1.73mm (0.068in)
(including liner)	Maximum 1.78mm(0.070in)

Dimensions (cont.)

Liner Width48.64mm ± 0.75mm
(1.915in ± 0.030in)

Label Repeat14.73mm ± 0.75mm
(0.580in ± 0.030in)

Label to Liner Spacing

.....2.0mm ± 0.75mm
(0.080in ± 0.030in)

Instructions

Additional Consideration:

The label must be applied to packaging containing meat weighing at least 227 grams (0.5lbs) or greater to be microwavable

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage

ROLL SPECIFICATIONS			
	Small Roll		Small Roll
PRODUCT CODE	ZLAPXM1K43	PRODUCT CODE	ZLAPXM1K43
Diameter Of Core	76.2mm (3in) core	External Carton Dimensions	27.6 x 24.5 x 30.5cm (10.88 x 9.63 x 12in)
Max Roll Diameter	240mm (9.45in)	External Cubic Ft. Per Case	0.73
Number Splices	3 splices, 1 leader splice	Roll Size	1,400-unit roll
Roll Weight	0.743kg (1.63lbs)	Rolls Per Case	5
Case Weight	4.63kg (10.20lbs)	Cases Per Pallet	48

*Includes 3in core adapter



APX Microwavable Roll Label

The APX Microwavable Label offers the highest level of anti-shoplifting protection in the smallest possible footprint. Tagging high shrink merchandise such as high-end meats, fish and shell fish can help reduce shrink and positively impact the retailer's bottom line. This label is designed for high speed application in meat soaker pads, trays and under prime labels for inconspicuous protection.

Retailer Values

- // Configured for high speed application, this label is embedded in meat soaker pads, trays and under prime labels for inconspicuous protection
- // Designed for food products that will be microwaved
- // Utilizes proven Sensormatic AM technology and manufacturing process to provide reliable detection performance
- // No detection interference caused by meat or fish products
- // Robust construction provides optimal merchandise protection

Product Codes

Small Roll:
ZLAPXM1K41

Large Roll:
ZLAPXM7K3

Technology
AM

Product Compatibility
Sensormatic AM detection and deactivation devices

Environmental Constraints

Temperature
Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

Humidity
Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life
Small Roll:
Two years from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.
Large Roll:
One year from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Mode of Application

Small Roll:
Hand or Tabletop
Large Roll:
Automatic

Materials of Construction

Plastic Substrate
Polystyrene/Polyethylene 0.254mm (0.010in) thick

Magnetic Acoustic Resonator
Proprietary resonant magnetic material Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate
Low Density Polyethylene/Polyester Polyethylene 0.101mm (0.0040in)

Bias
Proprietary semi-hard magnetic material containing iron and nickel

Adhesive
Double-coated, rubber-based adhesive:
// 2.4 mil thick per side
// Minimum peel strength of 2.27kg/5lbs

Release Liner
PET (Polyethylene) film silicone treated 0.0508mm + - 10% thick

Dimensions

Color White

Length.....44.60mm ± 0.15mm
(1.76in ± 0.006in)

Width 10.16mm ± 0.15mm
(0.40in ± 0.006in)

Label Thickness

(excluding liner)..... Maximum
1.73mm (0.068in)

(including liner)..... Maximum
1.78mm(0.070in)

Liner Width48.64mm ± 0.75mm
(1.915in ± 0.030in)

Label Repeat14.73mm ± 0.75mm
(0.580in ± 0.030in)

Label to Liner Spacing

.....2.02mm ± 0.75mm Large
± 2.0mm Small
(0.080in ± 0.030in)

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

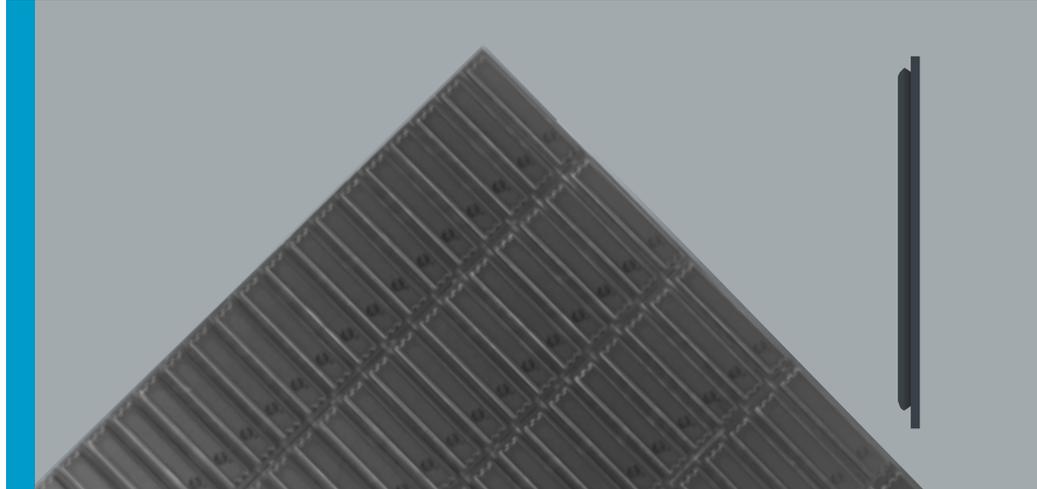
See Sensormatic.com for Usage Instructions

Additional Consideration:

The label must be applied to packaging containing meat weighing at least 227 grams (0.5lbs) or greater to be microwavable

ROLL SPECIFICATIONS					
	Small Roll	Large Roll		Small Roll	Large Roll
PRODUCT CODE	ZLAPXM1K41	ZLAPXM7K3	PRODUCT CODE	ZLAPXM1K41	ZLAPXM7K3
Diameter Of Core	76.2mm (3in) core	152.4mm (6in) core*	External Carton Dimensions	27.6 x 24.5 x 30.5cm (10.88 x 9.63 x 12in)	51.8 x 51.8 x 25.4cm (20.38 x 20.38 x 10in)
Max Roll Diameter	240mm (9.45in)	500mm (19.7in)	External Cubic Ft. Per Case	0.73	2.4
Number Splices	3 splices, 1 leader splice	5 splices, 1 leader splice	Roll Size	1,400-unit roll	7,000-unit roll
Roll Weight	0.743kg (1.63lbs)	3.376kg (7.44lbs)	Rolls Per Case	5	4
Case Weight	4.63kg (10.20lbs)	15.49kg (34.15lbs)	Cases Per Pallet	48	16

*Includes 3in core adapter



Ultra-Strip III Book Label

The Ultra-Strip III Book Label provides premier performance and merchandise protection for paperback and/or hardcover books. Intended for manual application, this widely used security label is applied to a book's spine or behind the dust jacket for inconspicuous protection. This application makes the label less prone to tampering or removal, helping to reduce lost sales due to theft.

Retailer Values

- // Utilizes proven Sensormatic AM technology and manufacturing process to provide the highest in detection performance
- // Provides superior protection while minimizing impact on product
- // Deactivates at impressive throughput speeds, expediting the check-out process

Product Code

ZLDRSLT5

Technology

AM

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

One year from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Product Compatibility

Sensormatic AM detection systems and deactivation devices.

Mode of Application

Hand

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.3mm (0.012in) thickness

Magnetic Acoustic Resonator

Proprietary resonant magnetic material
Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate

// Low Density Polyethylene/Polyester
0.127mm (0.0050in)

// Low Density Polyethylene/Polyester
0.114mm (0.0045in)

Bias

Proprietary semi-hard magnetic material containing iron, nickel and chromium

Adhesive

Double-coated, hot melt/ultra removable adhesive:

// 0.45 mil thick label side – hot melt

// 0.32mil thick release liner side – ultra removable

// Maximum peel adhesion is 0.142kg/5oz

Release Liner

// Double-sided, clay-coated supercalendered 22.68kg/50lb paper

Dimensions

Color Black

Length.....45.21mm ± 0.5mm
(1.78in ± 0.020in)

Width10.67mm ± 0.5mm
(0.420in ± 0.020in)

Label Thickness

(excluding liner)..... Maximum
1.89mm (0.074in)

(including liner)..... Maximum
2.00mm (0.079in)

Labels per Sheet.....54

Note: Warranty terms and condition are as specified in the applicable Sales Agreement.

CE The acousto-magnetic (AM) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage Instructions



SHEET SPECIFICATIONS	
	Sheet
PRODUCT CODE	ZLDRSLT5
Case Weight	2.76kg (6.07lbs) External Cubic Ft.
Per Case	0.166
Cases Per Pallet	160
Order Multiple	5,000-unit case



Ultra•Strip III Hang Tag (Bag)

The Ultra•Strip III Hang Tag provides premier protection for accessory items such as costume jewelry, watches and sunglasses. The tag attaches to merchandise via a plastic or string lanyard supplied by the retailer or manufacturer. It can be used once or multiple times. The tag format is intended for source tagging accessory items.

Retailer Values

- // Designed to protect high-theft accessories
- // Utilizes proven Sensormatic AM technology and manufacturing process to provide the highest in detection performance
- // Small label footprint minimizes impact on brand promotion and important product information
- // Reactivable for unlimited reuse
- // Works well on liquids, foils and in metal shopping carts
- // Robust construction provides optimal merchandise protection

Product Codes

ZLDRHT1

Technology

AM

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

Two years from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Product Compatibility

Sensormatic AM detection and deactivation devices.

Mode of Application

Hand

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.3mm (0.012in) thick magnetic.

Magnetic Acoustic Resonator

Resonant magnetic material. Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate

Low Density Polyethylene/Polyester/Polyethylene 0.127mm (0.0050in)

Bias

Proprietary semi-hard magnetic material containing iron, nickel and chromium

Adhesive

Adhesive=Acrylic. Facestock=80 pound densified bleached Kraft, silicone coated one side

Dimensions

Color White

Length 58mm ± 0.5mm
(2.28in ± 0.020in)

Width 10mm ± 0.5mm
(0.394in ± 0.020in)

Label Thickness

(including liner)..... Maximum
2.0mm (0.078in)

Labels Per Bag 100

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE The acousto-magnetic (AM) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage Instructions

BAG SPECS	
	Label Tag
PRODUCT CODE	ZLDRHT1
Case Weight	0.86kg (1.90lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	140
Order Multiple	1,000-unit case (10 bags of 100 labels each)



Ultra•Strip III Individual Sheet Label

This permanent source tagged Ultra•Strip III Individual Label is intended for manual application directly to the product or product packaging. This label is not designed to be “dropped” into product or product packaging.

Retailer Values

- // Permanent source tag label is manually applied to product/product packaging
- // Utilizes proven Sensormatic AM technology and manufacturing process to provide the highest in detection performance
- // Reactivatable for unlimited reuse
- // Works well on liquids, foils and in metal shopping carts
- // Robust construction provides optimal merchandise protection

Product Codes

ZLDRSING1

Technology

AM

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

One year from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Product Compatibility

Sensormatic AM detection and deactivation devices.

Mode of Application

Hand

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.3mm (0.012in) thick

Magnetic Acoustic Resonator

Proprietary resonant magnetic material. Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon.

Laminate

Low Density Polyethylene/Polyester/Polyethylene 0.127mm (0.0050in)

Bias

Proprietary semi-hard magnetic material containing iron, nickel and chromium

Adhesive

Self-wound tape with removable adhesive

Dimensions

Color White

Length 45.21mm ± 0.5mm
(1.78in ± 0.020in)

Width 10.67mm ± 0.5mm
(0.420in ± 0.020in)

Label Thickness

(excluding liner) Maximum
1.89mm (0.074in)

Labels Per Sheet 54

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE The acousto-magnetic (AM) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage Instructions

Additional Consideration:

Cannot be sold into an uncontrolled environment.

Cannot be used in any type of bowl feeding operation due to decreased performance issues:

- // **Magnetic:** causes deactivation-
Vibrator: causes frequency shifts
- // **Centrifugal/Gravity:** label is too light and will not feed. Due to usage, contact deactivation is not recommended.

SHEET SPECS	
	Sheet
PRODUCT CODE	ZLDRSING1
Case Weight	2.52kg (5.55lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	140
Order Multiple	5,000-unit case



Ultra•Strip III Insertable Label

The Ultra•Strip III Insertable Label is designed to be inserted into plastic shrink wrapped packaging such as CD cases and perfume boxes. It should not be inserted into products intended for children’s use. The bag format is intended for hand application.

Retailer Values

- // Ideal for CDs, perfume products or other plastic shrink wrapped boxes
- // Utilizes proven Sensormatic AM technology and manufacturing process to provide the highest in detection performance
- // Reactivable for unlimited reuse
- // Works well on liquids, foils and in metal shopping carts
- // Robust construction provides optimal merchandise protection

Product Codes

ZLDRCI5K2

Technology

AM

Environmental Constraints

Temperature

Maximum storage temperature for up to 96 hours=65°C (150°F).

Humidity

Unaffected by 80% humidity at 65°C (150°F), up to 96 hours.

Shelf Life

Two years from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 50-70% RH.

Product Compatibility

Sensormatic AM detection and deactivation devices.

Mode of Application

Hand

Materials of Construction

Plastic Substrait

Polystyrene–Maximum thickness 0.51 mm (0.02in)

Plastic Substrate

Polystyrene/Polyethylene 0.3mm (0.015in) thickness

Magnetic Acoustic Resonator

Proprietary resonant magnetic material. Amorphous alloy based on iron, and containing nickel, cobalt, boron and silicon

Laminate

Low Density Polyethylene/Polyester/ Polyethylene-0.127mm (0.0050in)

Bias

Proprietary semi-hard magnetic material containing iron, nickel and chromium

Adhesive

Double-coated, rubber-based adhesive:

- // 2.4mil thick per side
- // Minimum peel strength of 2.27kg/5lbs

Dimensions

ColorBarcode

Length.....50mm ± 1mm
(1.968in ± 0.039in)

Width9.25mm ± 0.5mm
(0.364in ± 0.020in)

Label Thickness

(excluding liner)... 2.1mm (0.082in) typical

Labels Per Bag1,000

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE The acousto-magnetic (AM) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage Instructions

Additional Consideration:

- // Product is for the European market only. Not for use in the USA
- // Placement of labels is to be in accordance with the Product Usage Guidelines located in each box
- // Due to usage, contact deactivation is not recommended

SHEET SPECS	
	Sheet
PRODUCT CODE	ZLDRCI5K2
Case Weight	3.56kg (7.85lbs)
External Carton Dimensions	300 x 250 x 200mm (11.81 x 9.84 x 7.84in)
External Cubic Ft. Per Case	0.53
Order multiple	5,000-unit case (5 bags of 1,000 labels per case)



AP Roll Label

The Advanced Performance (AP) Roll Label delivers reliable performance and merchandise protection using proven Sensormatic technology. This AM EAS label features a robust design for consistent deactivation at the point-of-sale (POS) and reliable performance, even when exposed to environmental stressors including shipping and handling. This label design is for automatic application to merchandise at the point of manufacturing so retailers can receive floor-ready merchandise with consistent label placement, expediting receiving and selling floor fulfillment.

Retailer Values

- // Utilizes proven Sensormatic AM technology and manufacturing process to provide reliable detection performance
- // Applied at the source allows merchandise to arrive tagged and shelf ready, moving faster from receiving to sales floor
- // Better label adhesion ensures durability and longevity on merchandise during shipping, storage and handling
- // Permits open merchandising while still combatting theft

- // Quality materials and precision manufacturing help deliver consistent deactivation at the POS
- // Small label footprint minimizes impact on brand promotion and important product information
- // Works well when placed on liquids, foils and in metal shopping carts
- // Reactivatable for unlimited reuse

Product Codes

- Small Roll:**
ZLAP2K1: White
- Large Roll:**
ZLAP85K1: White

Technology

AM

Product Compatibility

Sensormatic AM detection and deactivation devices.

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

Small Roll:

Two years from date of manufacture when labels are stored between 15°C -32°C (60°F-90°F), 30-80% RH.

Large Roll:

One year from date of manufacture when labels are stored between 15°C-32°C (60°F-90°F), 30-80% RH.

Mode of Application

Small Roll:

Hand or Tabletop

Large Roll:

Automatic

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.254mm (0.010in) thick

Magnetic Acoustic Resonator

Proprietary resonant magnetic material. Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate

Low Density Polyethylene/Polyester Polyethylene 0.101mm (0.0040in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

- // 2.4mil thick per side
- // Minimum peel strength of 2.27kg/5lbs

Release Liner

PET (Polyethylene) film silicone treated
0.0508mm + - 10% thick

Dimensions

Color White

Length 44.6mm ± 0.15mm
(1.76in ± 0.006in)

Width 10.16mm ± 0.15mm
(0.40in ± 0.006in)

Label Thickness

(excluding liner)..... Maximum
1.32mm (0.052in)

(including liner)..... Maximum
1.37mm (0.054in)

Liner Width 48.64mm ± 0.75mm
(1.915in ± 0.030in)

Label Repeat 14.73mm ± 0.75mm
(0.580in ± 0.030in)

Label to Liner

Spacing.....2.02mm ± 0.75mm Large;
± 2.0mm Small (0.080in ± 0.030in)

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both

See Sensormatic.com for Usage Instructions

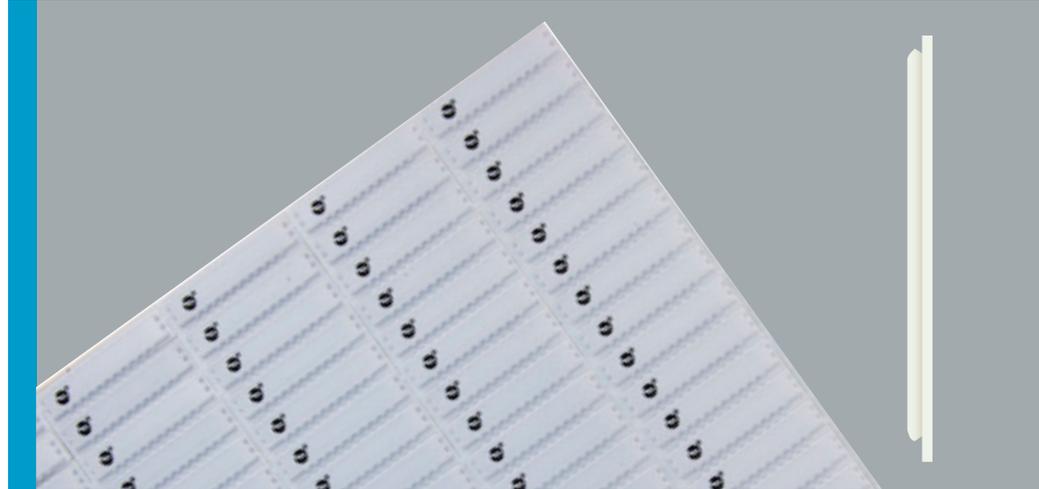
Additional Consideration:

This label is not recommended for use with the Sensormatic Contact Pad deactivator.

ROLL SPECIFICATIONS

	Small Roll	Large Roll		Small Roll	Large Roll
PRODUCT CODE	ZLAP2K1	ZLAP85K1	PRODUCT CODE	ZLAP2K1	ZLAP85K1
Diameter Of Core	76.2mm (3in) core	152.4mm (6in) core*	External Carton Dimensions	276 x 24.5 x 30.5cm (10.88 x 9.63 x 12in)	51.8 x 51.8 x 25.4cm (20.38 x 20.38 x 10in)
Max Roll Diameter	230mm (9.05in)	470mm (18.5in)	External Cubic Ft. Per Case	0.73	2.4
Number Splices	3 splices, 1 leader splice	5 splices, 1 leader splice	Roll Size	2,000-unit roll	8,500-unit roll
Roll Weight	0.78kg (1.71lbs)	3.40kg (7.62lbs)	Rolls Per Case	5	4
Case Weight	4.72kg (10.40lbs)	15.42kg (33.92lbs)	Cases Per Pallet	45	16

*Includes 3in core adapter



AP Sheet Label

The Advanced Performance (AP) Sheet Label delivers reliable performance and merchandise protection using proven Sensormatic technology. This AM EAS label features a robust design for consistent deactivation at the point-of-sale (POS) and reliable performance, even when exposed to environmental stressors including shipping and handling. Available for in-store hand application, this label can also be applied to merchandise at the point of manufacturing so retailers can receive floor-ready merchandise with consistent label placement-expediting receiving and selling floor fulfillment.

Retailer Values

- // Utilizes proven Sensormatic AM technology and manufacturing process to provide reliable detection performance
- // Quality materials and precision manufacturing help deliver consistent deactivation at the POS
- // Small label footprint minimizes impact on brand promotion and important product information
- // Robust construction provides optimal merchandise protection
- // Works well on liquids, foils and in metal shopping carts
- // Reactivable for unlimited reuse

Product Codes

ZLAPS1: White
ZLAPS2: Mock Barcode

Technology

AM

Product Compatibility

Sensormatic AM detection and deactivation devices.

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122° F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

Two years from date of manufacture when labels are stored between 15°C -32°C (60°F-90°F), 30-80% RH.

Mode of Application

Hand

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.254mm (0.010in) thick.

Magnetic Acoustic Resonator

Proprietary resonant magnetic material. Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate

Low Density Polyethylene/Polyester Polyethylene 0.101mm (0.0040in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

// 2.4mil thick per side

// Minimum peel strength of 2.27kg/5lbs

Release Liner

Double-sided, silicon-coated 80 lb. bleached Kraft liner 0.114mm

Dimensions

Color White, Mock Barcode

Length 45.21mm ± 0.5mm
(1.78in ± 0.020in)

Width 10.67mm ± 0.5mm
(0.420in ± 0.020in)

Label Thickness

(excluding liner)..... Maximum
1.89mm (0.074in)

(including liner)..... Maximum
2.00mm (0.079in)

Labels Per Sheet 108

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

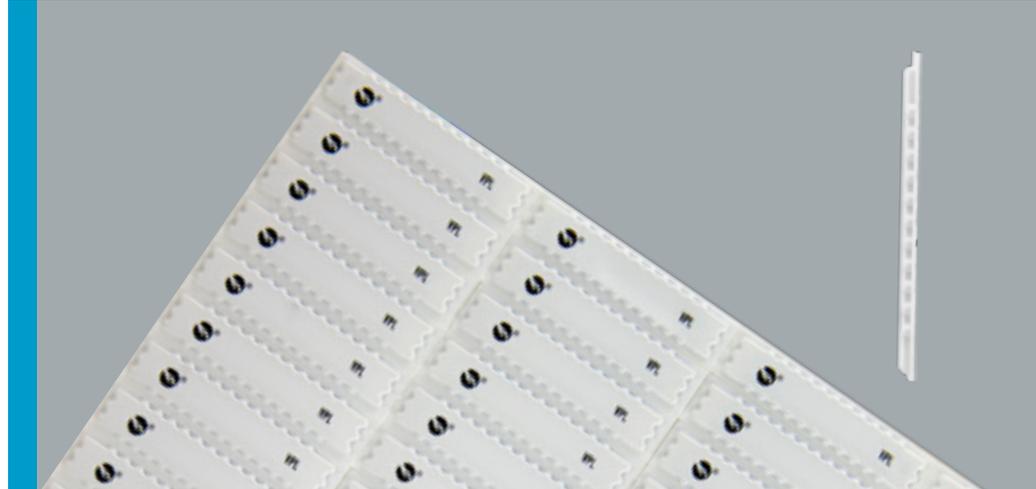
CE The acousto-magnetic (AM) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage Instructions

Additional Consideration:
This label is not recommended for use with the Sensormatic Contact Pad deactivator.



SHEET SPECS	
	Sheet
PRODUCT CODE	ZLAPS1, ZLAPS2
Case Weight	2.205kg (4.86lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	160
Order Multiple	5,000-unit case



Value Performance Label (VPL) Sheet Format

The Value Performance Label (VPL) delivers reliable performance and merchandise protection using proven Sensormatic technology. This AM EAS label is designed for consistent deactivation at the point-of-sale (POS) and reliable performance, even when exposed to environmental stressers including shipping and handling. Available for in-store hand application, this label can also be applied to merchandise at the point of manufacturing so retailers can receive floor-ready merchandise with consistent label placement to help expedite receiving and selling floor fulfillment.

Retailer Values

- // Utilizes proven Sensormatic AM technology and manufacturing process to provide reliable detection performance
- // Helps deliver consistent deactivation at the POS with quality materials and precision manufacturing
- // Minimizes impact on brand promotion and important product information
- // Features robust construction for reliable merchandise protection

- // Works well on liquids, foils and in metal shopping carts
- // Reactivatable for unlimited reuse

Product Codes

ZLVPLS1: White
ZLVPLS2: Mock Barcode

Technology

AM

Product Compatibility

Sensormatic AM detection and deactivation devices.

Environmental Constraints

Temperature

Maximum storage temperature not to exceed 50°C (122°F) for 96 hours at 80% RH.

Humidity

Unaffected by 80% humidity at 50°C (122°F), up to 96 hours.

Shelf Life

Two years from date of manufacture when labels are stored between 15°C -32°C (60°F-90°F), 30-80% RH.

Mode of Application

Hand

Materials of Construction

Plastic Substrate

Polystyrene/Polyethylene 0.254mm (0.010in) thick.

Magnetic Acoustic Resonator

Proprietary resonant magnetic material. Amorphous alloy based on iron, containing nickel, cobalt, boron and silicon

Laminate

Low Density Polyethylene/Polyester
0.101mm (0.0040in)

Bias

Proprietary semi-hard magnetic material containing iron and nickel

Adhesive

Double-coated, rubber-based adhesive:

// 2.4 mil thick per side

// Minimum peel strength of 2.27kg/5lbs

Release Liner

Double-sided, silicon-coated 80lb bleached Kraft liner 0.114mm (0.0045in) thick

Dimensions

Color White, Mock Barcode

Length 45.21mm ± 0.5mm
(1.78in ± 0.020in)

Width 10.67mm ± 0.5mm
(0.420in ± 0.020in)

Label Thickness

(excluding liner) Maximum
1.89mm (0.074in)

(including liner) Maximum
2.00mm (0.079in)

Labels Per Sheet 108

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE The acousto-magnetic (AM) label is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

See Sensormatic.com for Usage Instructions

Additional Consideration:

This label is not recommended for use with the Sensormatic Contact Pad deactivator.

SHEET SPECS	
	Sheet
PRODUCT CODE	ZLVPLS1, ZLVPLS2
Case Weight	2.76kg (6.07lbs)
External Carton Dimensions	27.9 x 20 x 11cm (11 x 8 x 4.5in)
External Cubic Ft. Per Case	0.23
Cases Per Pallet	255
Order Multiple	5,000-unit case



RF 33mm Round Roll Label

The RF 33mm round label delivers dependable performance and merchandise protection using RF technology. The label's small footprint minimizes impact on brand promotion and important product information, allowing application on virtually any package size.

This label is designed for automatic application at the point of manufacturing. When applied to merchandise at the point of manufacturing, retailers receive floor-ready merchandise with consistent label placement to expedite receiving and selling floor fulfillment.

Retailer Values

- // Provides visual deterrence while minimizing impact on brand promotion and important product information
- // Protects merchandise by tagging at the point of manufacturing so merchandise arrives shelf-ready
- // Permits open merchandising while still combatting theft

Product Codes

Small Roll:

XL33R-CLR2KLU2: Clear

Large Roll:

XL33R-CLR8KLU: Clear

Technology

RF

Environmental Constraints

Temperature

12°-25°C (54°-77°F)

Humidity

55% maximum

Shelf Life

Small and Large Rolls:

Two years from date of manufacture when labels are stored between 12°-25°C (54°-77°F).

Mode of Application

Small Roll:

Hand or Tabletop

Large Roll:

Automatic

Materials of Construction

70µm AL+8µm CPP+10µm AL

Hot Melt Adhesive

934E Henkel

Dimensions

Color Clear

Diameter 33mm ± 0.5mm
(1.30in ± 0.0197in)

Thickness 0.20mm ± 0.015mm
(0.0078in ± 0.0006in)

Liner Width 35.5mm ± 1.0mm
(1.40in ± 0.0394in)

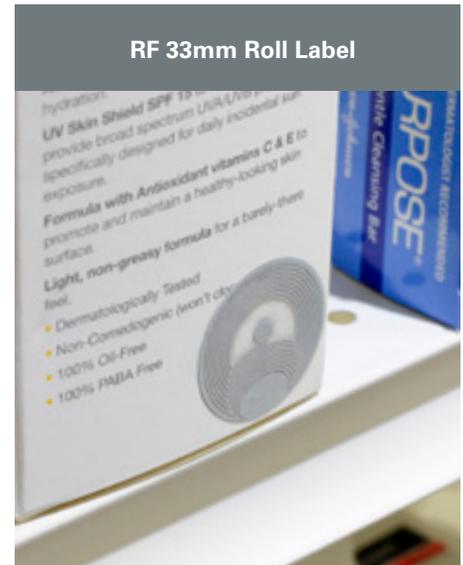
Label to Liner Spacing

..... 2.9mm ± 0.5mm
(0.114in ± 0.0197)

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both

See Sensormatic.com for Usage Instructions



ROLL SPECIFICATIONS					
	Small Roll	Large Roll		Small Roll	Large Roll
PRODUCT CODE	XL30R-CLR2KLU2	XL30R-CLR8KLU	PRODUCT CODE	XL30R-CLR2KLU2	XL30R-CLR8KLU
Diameter Of Core	76mm (2.9in) core	76mm (2.9in) core	External Carton Dimensions	40 x 21 x 24cm (17.32 x 8.26 x 9.44in)	33 x 33 x 21cm (12.99 x 12.99 x 8.26in)
Max Roll Diameter	171mm (6.73in)	171mm (6.73in)	External Cubic Ft. Per Case	0.653	0.808
Number Splices	10 maximum	10 maximum	Labels per Roll	2,000	8,000
Roll Weight	0.067kg (1.477lbs)	2.50kg (5.511lbs)	Rolls Per Case	10	5
Case Weight (gross)	7.45kg (16.42lbs)	13.70kg (30.195lbs)	Cases Per Pallet	50	54



RF 30x30mm Roll Label

The RF 30x30mm label delivers dependable performance and merchandise protection using RF technology. The label's small footprint minimizes impact on brand promotion and important product information, allowing application on virtually any package size.

This label is available in two sizes. The small rolls are designed for hand and tabletop application and the large roll is for automatic application at the point of manufacturing. When applied to merchandise at the point of manufacturing, retailers receive floor-ready merchandise with consistent label placement to expedite receiving and selling floor fulfillment.

Retailer Values

- // Provides visual deterrence while minimizing impact on brand promotion and important product information
- // Protects merchandise by tagging at the point of manufacturing so merchandise arrives shelf-ready
- // Permits open merchandising while still combatting theft

Product Codes

Small Roll:

XL30-DPW2KLU2: White

XL30-DBC2KLU2: Mock Barcode

Large Roll:

XL30-DPW8KLU: White

Technology

RF

Environmental Constraints

Temperature

12°-25°C (54°-77°F)

Humidity

55% maximum

Shelf Life

Small and Large Rolls:

Two years from date of manufacture when labels are stored between 12°-25°C (54°-77°F).

Mode of Application

Small Roll:

Hand or Tabletop

Large Roll:

Automatic

Materials of Construction

Small & Large Rolls

70µm AL+8µm CPP+10µm AL

Hot Melt Adhesive

934E Henkel

Dimensions

Color White, Mock Barcode

Length 30mm ± 0.5mm
(1.18in ± 0.0197in)

Width 30mm ± 0.5mm
(1.18in ± 0.0197in)

Thickness 0.19mm ± 0.015mm
(0.007in ± 0.0006in)

Liner Width 34mm ± 1.0mm
(1.34in ± 0.0394in)

Label to Liner Spacing

..... 2.0mm ± 0.5mm
(0.079in ± 0.0197)

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.



RF 40x40 Roll Label

The RF 40x40mm label delivers dependable performance and merchandise protection using RF technology. The label's small footprint minimizes impact on brand promotion and important product information, allowing application on virtually any package size.

This label is available in two sizes. The small rolls are designed for hand and tabletop application and the large rolls are for automatic application at the point of manufacturing. When applied to merchandise at the point of manufacturing, retailers receive floor-ready merchandise with consistent label placement to expedite receiving and selling floor fulfillment.

Retailer Values

- // Provides visual deterrence while minimizing impact on brand promotion and important product information
- // Protects merchandise by tagging at the point of manufacturing so merchandise arrives shelf-ready
- // Permits open merchandising while still combatting theft

Product Codes

Small Roll:

XL40-DPW2KLU2: White
XL40-DBC2KLU2: Mock Barcode

Large Roll:

XL40-DPW8KLU: White

Technology

RF

Environmental Constraints

Temperature

12°-25°C (54°-77°F)

Humidity

55% maximum

Shelf Life

Small and Large Rolls:

Two years from date of manufacture when labels are stored between 12°-25°C (54°-77°F).

Mode of Application

Small Roll:

Hand or Tabletop

Large Roll:

Automatic

Materials of Construction

Small & Large Rolls

70µm AL+15µm CPP+10µm AL

Hot Melt Adhesive

934E Henkel

Dimensions

Color White, Mock Barcode

Length 40mm ± 0.5mm
(1.57in ± 0.0197in)

Width 40mm ± 0.5mm
(1.57in ± 0.0197in)

Thickness 0.20mm ± 0.015mm
(0.0078in ± 0.0006in)

Liner Width 43mm ± 1.0mm
(1.69in ± 0.0394in)

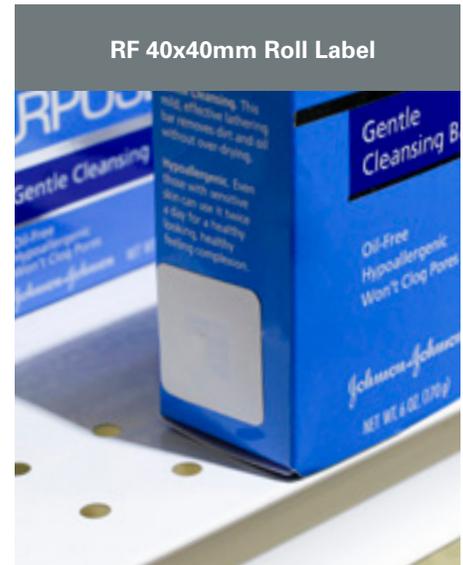
Label to Liner Spacing

..... 3mm ± 0.5mm
(0.12in ± 0.0197)

Note: Warranty terms and conditions are as specified in the applicable Sales Agreement.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both

See Sensormatic.com for Usage Instructions



ROLL SPECIFICATIONS					
	Small Roll	Large Roll		Small Roll	Large Roll
PRODUCT CODE	XL40-DPW2KLU2 XL40-DBC2KLU2	XL40-DPW8KLU	PRODUCT CODE	XL40-DPW2KLU2 XL40-DBC2KLU2	XL40-DPW8KLU
Diameter Of Core	76mm (2.9) core	76mm (2.9) core	External Carton Dimensions	48 x 21 x 22cm (18.89 x 8.26 x 8.66in)	39 x 39 x 26cm (15.35 x 15.35 x 10.23in)
Max Roll Diameter	185mm (7.28in)	360mm (14.16in)	External Cubic Ft. Per Case	0.78	1.22
Number Splices	10 maximum	10 maximum	Labels per Roll	2,000	8,000
Roll Weight	1.09kg (4.40lbs)	3.89kg (8.582lbs)	Rolls Per Case	10	5
Case Weight (gross)	11.63kg (25.64lbs)	20.45kg (45.06lbs)	Cases Per Pallet	50	30



Adjustable Multi-Purpose Safers

The Sensormatic AM or RF EAS Adjustable Multi-Purpose Safers are the ideal solution for open merchandising high-theft products such as perfumes, cosmetics, iPods, MP3 players, razor blades and ink cartridges. The reusable safers protect products in secure housing, integrated with Sensormatic Non-Deactivatable EAS labels, providing the highest anti-theft protection. These transparent, height-adjustable locking devices keep high-value, high-theft items secure and accessible, letting retailers' open-merchandise products with confidence. The safers alarm the Sensormatic AM pedestal system if protected products pass through the detection zone.

Retailer Values

- // Promotes open merchandising for perfume, cosmetics, iPods, MP3 players, ink cartridges, razor blades and more for increased sales
- // Provides superior protection and optimal merchandising, allowing shoppers to easily view and purchase items
- // Easy application and removal helps improve store operations
- // Constructed of clear high-grade polycarbonate, the material is scratch-resistant and will not become cloudy or yellow over time, ensuring attractive product displays
- // Built from recyclable materials

Application

Perfume, MP3 Players, Memory Sticks, Computer Hardware, Digital Cameras, iPods, Ink Cartridges, Cosmetics, Batteries, Small Electronics, Razor Blades

RF Technology

See sales associates for details.

Product Compatibility

EAS Detection Systems

Detachers:

Magnetic 9kG Detachers
Magnetic 5kG Detacher
Magnetic 5 and 9kG Detacher

Specifications

Color Clear

Magnetic Strength 5kG, 9kG

Blister Hooks Included

Note: Sensormatic safers are sold by the carton. Cartons can not be split. Quantities per carton vary by safer model.

PRODUCT SPECIFICATIONS	MSAMT-5100-PRFL: 5kG MSAMT-9100-PRFL: 9kG	MSAMT-5100-PRFS: 5kG MSAMT-9100-PRFS: 9kG	MSAMT-5100-PRFA: 5kG MSAMT-9100-PRFA: 9kG	MSAMT-5100-PRFC: 5kG MSAMT-9100-PRFC: 9kG
Internal Dimensions HxWxD	115-175 x 100 x 60mm (4.53-6.9 x 3.94 x 2.36in)	115-165 x 66 x 51mm (4.53 - 6.5 x 2.6 x 2.01in)	100-145 x 120 x 90mm (4-5.75 x 4.75 x 3.50in)	140-230 x 65 x 60mm (5.50 -9 x 2.50 x 2.37in)
External Dimensions HxWxD	133-200 x 113 x 80mm (5.24-7.87 x 4.45 x3.15in)	125-200 x 79 x 70mm (4.92-7.87 x 3.11 x 2.76in)	125-175 x 132 x 111mm (5-6.87 x 5.25 x 4.37in)	162-268 x 78.5 x 80mm (6.37-10.5 x 3 x 3.12in)
Per Carton	48	72	25	50
Carton Weight	8.1kg (17.85lbs)	8.4kg (18.51lbs)	5.5kg (12.12lbs)	8.2kg (18.07lbs)

PRODUCT SPECIFICATIONS	MSAMT-5100-PRFB: 5kG MSAMT-9100-PRFB: 9kG	MSAMT-5100-PRFD: 5kG MSAMT-9100-PRFD: 9kG	MSAMT-5100-PRK: 5kG MSAMT-9100-PRK: 9kG
Internal Dimensions HxWxD	132-223 x 78 x 70mm (5.20 -8.78 x 3.07 x 2.76in)	83-143 x 114 x 114mm (3.28 -5.63 x 4.49 x 4.49in)	53-99 x 42 x 48mm (2.09 -3.90 x 1.65 x 1.89in)
External Dimensions HxWxD	191-282 x 91 x 91mm (7.51-11.1 x 3.58 x 3.58in)	141-203 x 134 x 128mm (5.55-7.99 x 5.27 x 5.03in)	101-145 x 67 x 55mm (3.97-5.70 x 2.63 x 2.16in)
Per Carton	25	25	25
Carton Weight	5.1kg (11.24lbs)	6.4kg (14.11lbs)	2.3kg (5.07lbs)



Flexible Safer

Designed to secure items that cannot be protected by alarming wraps or hard tags, the Sensormatic Flexible Safer is a reusable and transparent way to open-merchandise with confidence. Available in AM Ferrite or RF technology, the Flexible Safer will alarm EAS pedestal systems if protected products pass through the detection zone

Scientifically engineered to be clean and strong for all environments, this safer is an ideal solution for protecting high-theft products such as SD Cards, cosmetics, HD cables, razor blades, box apparel and ink cartridges. Its slim design also helps maximize selling space and allow shoppers to freely view and purchase items.

Flexible Safers are available in three sizes and constructed from three clear, strong and lightweight plastics laminated together to form a strong, yet flexible, composite product. It is extremely easy to use and available in various magnetic strengths to work with the full line of Sensormatic magnetic detachers.

Retailer Values

- // Constructed from PET, Polyethylene (PE) and nylon materials to form a strong, yet flexible, product
- // Slim design helps maximize retail selling space for increased sales
- // Easy application and removal helps improve store operations
- // Available in 3 sizes and 2 technologies for an adaptable solution
- // Reusable design helps maximize your Return on Investment (ROI)

Solution Applications

Small Bag

SD Cards, Razor Blades, Cosmetics, Ear Buds, Batteries, Boxed Apparel

Medium Bag

Printer Ink Cartridges, Cosmetic Moisturizer, Baby Formula, Perfumes

Large Bag

HDMI Cables, Stereo Headphones, Game Controllers, Health & Beauty

Technology

AM

Small **0** indicator under the word "Alarm"

RF

No indicator under the word "Alarm"

Product Codes

AM Technology

ZLAMT-ZIPS5	.....5kG Small Bag
ZLAMT-ZIPS9	.....9kG Small Bag
ZLAMT-ZIPM5	..... 5kG Medium Bag
ZLAMT-ZIPM9	..... 9kG Medium Bag
ZLAMT-ZIPL5	.....5kG Large Bag
ZLAMT-ZIPL9	.....9kG Large Bag

RF Technology

RFT-ZIPS5	.....5kG Small Bag
RFT-ZIPS9	.....9kG Small Bag
RFT-ZIPM5	..... 5kG Medium Bag
RFT-ZIPM9	..... 9kG Medium Bag
RFT-ZIPL5	.....5kG Large Bag
RFT-ZIPL9	.....9kG Large Bag

Product Compatibility

Magnetic 9kG Detachers
Magnetic 5kG Detachers
Magnetic 5 and 9kG Detachers

Detacher Type

Magnetic

Dimensions

Small Bag

Height..... 208mm (8.19in)
Width..... 200mm (7.87in)

Medium Bag

Height..... 260mm (10.24in)
Width..... 250mm (9.84in)

Large Bag

Height..... 338mm (13.3in)
Width..... 325mm (13.85in)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

Examples



Secure New Categories





Sensormatic Synergy 2.5 Acrylic Pedestal

Delivering next-generation store performance for wide or multiple exits in a sleek, transparent design.

The Sensormatic Synergy 2.5 Acrylic Pedestal is a key element of the Sensormatic Synergy suite. Its thin, narrow, open-frame design is constructed of high-quality acrylic, preserving store aesthetics and delivering the right look for virtually any retail setting. Ideal for wide or multiple exits, this detection system uses Sensormatic AM EAS technology to provide the highest level of theft detection with up to 2.5m (8ft 2in) of coverage between pedestals to maximize customer flow. The integrated audio and visual alarms notify staff personnel if protected merchandise passes through the detection zone. The multiple audio and visual alarms can be customized for different event types, mapping the audio and ambient lighting options to reflect the source of the alert, such as foil-lined bags and jammer devices.

The pedestal features embedded, multiple-beam people-counting sensors

designed for optimal accuracy. With the Synergy network card, these sensors provide visibility into shopper visits to enhance store performance and increase conversion rates. Integrating directional traffic information with EAS alarm events allows the sensors to discern between inbound and outbound traffic, virtually eliminating unintended alarms triggered by shoppers carrying protected merchandise near the pedestals. People-counting sensors also enable a “power-on-demand” feature that puts the system into low-power standby mode during periods of low or no traffic activity to reduce power consumption up to 90%.

To effectively combat Organized Retail Crime, the AMS9060 Controller — part of this flexible and modular system — can be enhanced with the optional integrated Metal-Foil Detection plug-in card. The network plug-in card, standard with this pedestal system, delivers remote management, EAS and Traffic Intelligence.

Through system configuration, “tags-too-close” is an offered feature developed to help retailers maximize valuable selling floor space near the pedestals. This feature helps reduce unnecessary and costly service calls and decreases nuisance alarms to enhance the shopper experience. Another standard system-configured feature is Jammer Detection

which triggers a pedestal alarm as soon as an electronic signal from a jammer device is detected, helping eliminate the threat of would-be thieves attempting to defeat the system.

Retailer Values

- // Transparent acrylic form factor preserves store aesthetics
- // Consistent 2.5m (8ft 2in) global detection performance protects critical assets
- // Embedded people-counting sensors capture shopper visits to help maximize store performance
- // Optional Metal-Foil Detection alerts staff when foil-lined bags or clothing enter the store environment, helping combat shrink and ORC
- // Standard network plug-in card delivers store-front alarm event and Traffic Intelligence to enhance loss prevention efforts and increase shopper visibility
- // “Tags-too-close” feature helps reduce unnecessary and costly service calls and maximizes valuable selling floor space near the pedestals
- // Jammer detection helps reduce shrink by notifying staff of attempts to disable the EAS system using a separate audible alarm

Retailer Values (con't)

- // Customizable alarm tones and LED alarm light identify unique events to help reduce shrink
- // Remote alarm option alerts staff of alarm events anywhere in store
- // Service connection port allows remote diagnostics to help reduce in-store service time

Required Choices

Base Covers

ZSSB-E1180-SS

Stainless Steel (Qty. 1=1 pair)

ZSSB-E1180-SB

Stainless Steel Black (Qty. 1=1 pair)

ZSSB-E1190CG

Cool Gray (Qty 1 = 1 pair)

ZSSB-E1190CH

Charcoal (Qty 1 = 1 pair)

Base Cover Accent Band

ZPS-ACCENT-1

(Qty. 1=1 pair)

Product Compatibility

- Sensormatic AM Sensors
- Ranger Antenna
- Satellite Antenna
- Amorphous Core Antenna
- Stereo Overhead Traffic Sensor
- Mono Overhead Traffic Sensor
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Metal Foil Detection Plug-In Card
- Digital Remote Alarm

Specifications

- Height** 164cm (64.6in)
- Width** 41.9cm (16.5in)
- Depth** 8.6cm (3.4in)
(at base w/o covers)
- Weight** 20.0kg (44lbs)
(w/o cover)
- Base cover** 1.7kg (2.6lbs)
- Accent band** 3.4kg (7.6lbs)

Electrical

Power Supply

- Primary input.....100-120Vac or
220-240Vac@50-60Hz
- Primary power fuse.....3.15A, 250V
slo-blow, hi-breaking

(One pedestal only)

- Current draw (120V).....<0.75Arms
- Current draw (240V).....<0.37Arms
- Input power (120V).....<57W
- Input power (240V).....<57W

Transmitter

- Operating Frequency.....58kHz +/-200Hz
(sync pulse) 56kHz
- Transmit Burst Duration.....1.6ms
- Transmit Current mzx.....20A peak

Burst Repetition Rate

- Based on 50Hz ac.....75Hz or 37.5Hz
- Based on 60Hz ac.....90Hz or 45Hz

Receiver

- Center Frequency 58kHz

Environmental Constraints

Ambient Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Enclosure Rating

- IPX0
- Evaluated for altitudes less than 3000m
(9800ft)

Declarations

EMC

- 47 CFR, Part 15
- EN 300 330-2
- EN 301 489-3
- EN 301 489-1
- EN55022
- EN55024
- ICES-003
- RSS-210

Safety

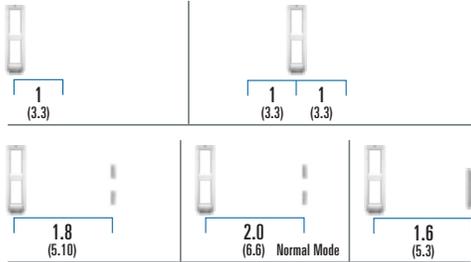
- UL 60950-1 (second edition)
- CSA C22.2.60950-1
- EN 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.1

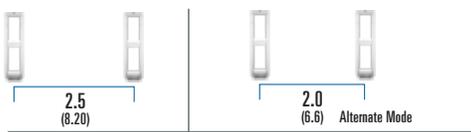
Configurations

Measurements - meters (feet)

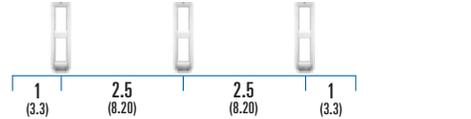
Single



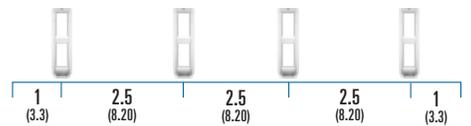
Dual



Split

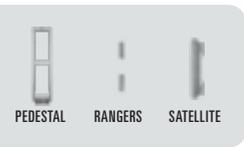


Quad



Product Codes	Primary 2.5 Antenna	Single 2.5 Antenna	Dual 2.5 Antennas	Split 2.5 Antennas	Quad 2.5 Antennas	AMS9060 Controller	Cool Gray	Charcoal
ZS1190-CG	●						●	
ZASE-E25GIA1-12M (12M interconnect)		●				●	●	
ZASE-E25GIA2-12M (12M interconnect)			●			●	●	
ZASE-E25GIA3-12M (12M interconnect)				●		●	●	
ZASE-E25GIA4-12M (12M interconnect)					●	●	●	
ZS1190-CH	●							●
ZASE-E25BIA1-12M (12M interconnect)		●				●		●
ZASE-E25BIA2-12M (12M interconnect)			●			●		●
ZASE-E25BIA3-12M (12M interconnect)				●		●		●
ZASE-E25BIA4-12M (12M interconnect)					●	●		●

Please see hardware add-on options in the Accessory section





Sensormatic Synergy 2.5 ABS Pedestal

Delivering next-generation store performance.

The Sensormatic Synergy 2.5 Pedestal combines the power of AM and RFID technology to enable comprehensive store performance. Its thin, narrow, open-frame design is constructed of high-impact ABS, preserving aesthetics and delivering the right look for virtually any retail setting. This detection system features Sensormatic AM EAS technology for the highest level of theft detection with up to 2.5m (8ft 2in) coverage for wide or multiple exits. The integrated audio and visual alarms notify store personnel if protected merchandise passes through the detection zone. The multiple audio and visual alarms can be customized for different event types, mapping the audio and ambient lighting options to reflect the source of the alert, such as foil-lined bags and jammer devices.

The pedestal features embedded, multiple-beam people-counting sensors designed for optimal accuracy. With the Synergy network card, these sensors

enable Traffic Intelligence reports that provide visibility into shopper traffic to enhance store performance and increase conversion rates. Integrating directional traffic information with EAS alarm events allows the sensors to discern between inbound and outbound traffic, virtually eliminating unintended alarms triggered by shoppers carrying protected merchandise near the pedestals. People-counting sensors also enable a “power-on-demand” feature that puts the system into low-power standby mode during periods of low or no traffic activity to reduce power consumption up to 90%.

Compatible with the Sensormatic Synergy RFID Retrofit Panel, this pedestal provides a cost-effective migration to advanced Radio Frequency Identification (RFID) functionality. The easy-to-install upgrade panel delivers an optimal combination of proven Sensormatic AM loss prevention technology with RFID-enabled inventory and shrink visibility. When leveraging RFID technology, these flexible and modular pedestals can integrate with surveillance cameras for video verification of EAS alarm events.

To effectively combat Organized Retail Crime, the AMS9060 Controller — part of this flexible and modular system — can be enhanced with the optional integrated Metal-Foil Detection plug-in card.

The network plug-in card, standard with this pedestal system, delivers remote management, EAS and Traffic Intelligence.

Through system configuration, “tags-too-close” is an offered feature developed to help retailers maximize valuable selling floor space near the pedestals. This feature helps reduce unnecessary and costly service calls and decreases nuisance alarms to enhance the shopper experience. Another system-configured feature is Jammer Detection which triggers a pedestal alarm as soon as an electronic signal from a jammer device is detected, helping eliminate the threat of would-be thieves using this method.

The optional Advertising Upgrade Kit leverages valuable pedestal real estate at the store entrance to reach a large number of shoppers on-the-move. The easy-to-install poster helps draw shoppers with advertisements, modern designs or simple, low-cost printed graphics. This add-on also provides an opportunity to generate additional marketing co-op profit by bidding out this valuable advertising space to vendors.

Retailer Values

- // Compatible RFID Retrofit Panel provides an easy, cost-effective migration path to advanced RFID functionality to provide inventory and shrink visibility
- // Consistent 2.5m (8ft 2in) global detection performance protects critical assets
- // Embedded people-counting sensors provide Traffic Intelligence and directionality to calculate conversion rates and maximize store performance
- // Optional Metal-Foil Detection alerts staff when foil-lined bags or clothing enter the store environment, helping combat shrink and ORC
- // Standard network plug-in card delivers store-front alarm event and Traffic Intelligence to enhance loss prevention efforts and increase shopper visibility
- // "Tags-too-close" feature helps reduce unnecessary and costly service calls and maximizes valuable selling floor space near the pedestals
- // Jammer detection helps reduce shrink by notifying staff of attempts to disable the EAS system using a separate audible alarm
- // Add-on surveillance cameras provide video verification of EAS alarm events for enhanced shrink visibility
- // Optional Advertising Upgrade Kit offers a flexible medium to reach a large number of shoppers where most purchasing decisions are made
- // Customizable alarm tones and LED alarm light identify unique events to help reduce shrink
- // Remote alarm option alerts staff of alarm events anywhere in store
- // Service connection port allows full system software control at any antenna, helping reduce in-store service time

Required Choices

Base Covers

ZSSB-E1180CG

Cool Gray (Qty. 1=1 pair)

ZSSB-E1180CH

Charcoal (Qty. 1=1 pair) (Qty. 1=1 pair)

ZSSB-E1180-SS

Stainless Steel (Qty 1 = 1 pair)

ZSSB-E1180-SB

Stainless Steel Black (Qty 1 = 1 pair)

Base Cover Accent Plate

ZPS-ACCENT-1 With Sensormatic Logo

ZPS-ACCENT-4 No Logo

Product Compatibility

- Sensormatic AM Sensors
- Ranger Antenna
- Satellite Antenna
- Amorphous Core Antenna
- Stereo Overhead Traffic Sensor
- Mono Overhead Traffic Sensor
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Metal Foil Detection Plug-In Card
- Digital Remote Alarm
- Advertising Upgrade Kit
- Sensormatic Synergy RFID Retrofit Panel

Specifications

- Height** 165cm (65in)
- Width** 41.9cm (16.5in)
- Depth** 8.6cm (3.4in)
(at base w/o covers)
- Weight** 7.1kg (15.85lbs)
(w/o cover)
- Base cover** 1.7kg (2.6lbs)
- Accent band** 3.4kg (7.6lbs)

Electrical

Power Supply

- Primary input.....100-120Vac or
220-240Vac@50-60Hz
- Primary power fuse.....3.15A, 250V
slo-blow, hi-breaking
- (One pedestal only)
- Current draw (120V).....<0.75Arms
- Current draw (240V).....<0.37Arms
- Input power (120V).....<57W
- Input power (240V).....<57W

Transmitter

- Operating Frequency.....58kHz +/-200Hz
(sync pulse) 56kHz
- Transmit Burst Duration.....1.6ms
- Transmit Current mzx.....20A peak

Burst Repetition Rate

- Based on 50Hz ac.....75Hz or 37.5Hz
- Based on 60Hz ac.....90Hz or 45Hz

Receiver

- Center Frequency 58kHz

Environmental Constraints

Ambient Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Enclosure Rating

IPX0

Evaluated for altitudes less than 3000m (9800ft)

Declarations

EMC

- 47 CFR, Part 15
- EN 300 330-2
- EN 301 489-3
- EN 301 489-1
- EN55022
- EN55024
- ICES-003
- RSS-210

Safety

- UL 60950-1 (second edition)
- CSA C22.2.60950-1
- EN 60950-1

Consumer Awareness

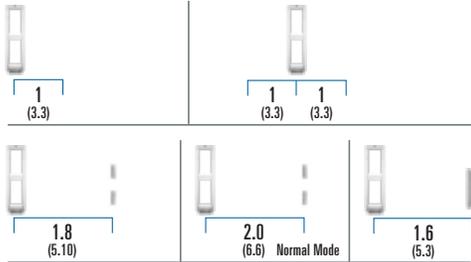
Although this anti-theft system complies with all applicable safety standards, advertising inserts must be designed to avoid creating any delay in customer movement through the system. Medical implant wearers are instructed by their physicians not to linger near, or lean on, anti-theft pedestals. Inserts should not encourage them to linger or lean.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.1

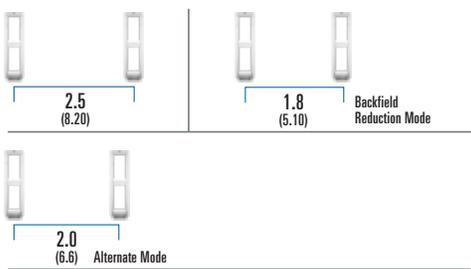
Configurations

Measurements - meters (feet)

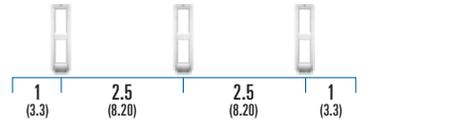
Single



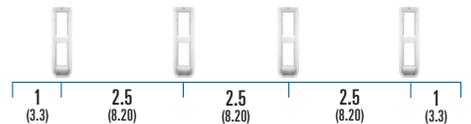
Dual



Split



Quad



Product Codes	Primary 2.5 Antenna	Single 2.5 Antenna	Dual 2.5 Antennas	Split 2.5 Antennas	Quad 2.5 Antennas	AMS9060 Controller	Cool Gray	Charcoal
ZS1180-CG	●						●	
ZASE-E25G1-12M (12M interconnect)		●				●	●	
ZASE-E25G2-12M (12M interconnect)			●			●	●	
ZASE-E25G3-12M (12M interconnect)				●		●	●	
ZASE-E25G4-12M (12M interconnect)					●	●	●	
ZS1180-CH	●							●
ZASE-E25B1-12M (12M interconnect)		●				●		●
ZASE-E25B2-12M (12M interconnect)			●			●		●
ZASE-E25B3-12M (12M interconnect)				●		●		●
ZASE-E25B4-12M (12M interconnect)					●	●		●

Please see hardware add-on options in the Accessory section



Sensormatic Synergy 2.0 ABS Pedestal

Delivering next-generation store performance.

The Sensormatic Synergy 2.0 Pedestal combines the power of AM and RFID technology to enable comprehensive store performance. Its thin, narrow, open-frame design is constructed of high-impact ABS, preserving aesthetics and delivering the right look for virtually any retail setting. This detection system features Sensormatic AM EAS technology for the highest level of theft detection with up to 2m (6ft 6in) coverage for wide or multiple exits. The integrated audio and visual alarms notify store personnel if protected merchandise passes through the detection zone. The multiple audio and visual alarms can be customized for different event types, mapping the audio and ambient lighting options to reflect the source of the alert, such as foil-lined bags and jammer devices.

The pedestal features embedded, multiple-beam people-counting sensors designed for optimal accuracy. With the Synergy network card, these sensors enable Traffic Intelligence reports that provide visibility into shopper traffic to

enhance store performance and increase conversion rates. Integrating directional traffic information with EAS alarm events allows the sensors to discern between inbound and outbound traffic, virtually eliminating unintended alarms triggered by shoppers carrying protected merchandise near the pedestals. People-counting sensors also enable a “power-on-demand” feature that puts the system into low-power standby mode during periods of low or no traffic activity to reduce power consumption up to 90%.

Compatible with the Sensormatic Synergy RFID Retrofit Panel, this pedestal provides a cost-effective migration to advanced Radio Frequency Identification (RFID) functionality. The easy-to-install upgrade panel delivers an optimal combination of proven Sensormatic AM loss prevention technology with RFID-enabled inventory and shrink visibility. When leveraging RFID technology, these flexible and modular pedestals can integrate with surveillance cameras for video verification of EAS alarm events.

To effectively combat Organized Retail Crime, the AMS9060 Controller — part of this flexible and modular system — can be enhanced with the optional integrated Metal-Foil Detection plug-in card. The network plug-in card, standard with this pedestal system, delivers remote

management, EAS and traffic intelligence.

Through system configuration, “tags-too-close” is an offered feature developed to help retailers maximize valuable selling floor space near pedestals. This feature helps reduce unnecessary and costly service calls and decreases nuisance alarms to enhance the shopper experience. Another system-configured feature is Jammer Detection which triggers a pedestal alarm as soon as an electronic signal from a jammer device is detected, helping eliminate the threat of would-be thieves using this method.

The optional Advertising Upgrade Kit leverages valuable pedestal real estate at the store entrance to reach a large number of shoppers on-the-move. The easy-to-install poster helps draw shoppers with advertisements, modern designs or simple, low-cost printed graphics. This add-on also provides an opportunity to generate additional marketing co-op profit by bidding out this valuable advertising space to vendors.

Retailer Values

// Compatible RFID Retrofit Panel provides an easy, cost-effective migration path to advanced RFID functionality to provide inventory and shrink visibility

Retailer Values (con't)

- // Consistent 2m (6ft 6in) global detection performance protects critical assets
- // Embedded people-counting sensors provide Traffic Intelligence and directionality to calculate conversion rates and maximize store performance
- // Optional Metal-Foil Detection alerts staff when foil-lined bags or clothing enter the store environment, helping combat shrink and ORC
- // Standard network plug-in card delivers store-front alarm event and traffic intelligence to enhance loss prevention efforts and increase shopper visibility
- // "Tags-too-close" feature helps reduce unnecessary and costly service calls and maximizes valuable selling floor space near the pedestals
- // Jammer Detection helps reduce shrink by notifying staff of attempts to disable the EAS system using a separate audible alarm
- // Add-on surveillance cameras provide video verification of EAS alarm events for enhanced shrink visibility
- // Optional Advertising Upgrade Kit offers a flexible medium to reach a large number of shoppers where most purchasing decisions are made
- // Customizable alarm tones and LED alarm light identify unique events to help reduce shrink
- // Remote alarm option alerts staff of alarm events anywhere in store
- // Service connection port allows full system software control at any antenna, reducing in-store service time

Required Choices

Base Covers

ZSSB-E1180CG

Cool Gray (Qty. 1=1 pair)

ZSSB-E1180CH

Charcoal (Qty. 1=1 pair) (Qty. 1=1 pair)

ZSSB-E1180-SS

Stainless Steel (Qty 1=1 pair)

ZSSB-E1180-SB

Stainless Steel Black (Qty 1=1 pair)

Base Cover Accent Band

ZPS-ACCENT-1 With Sensormatic Logo

ZPS-ACCENT-4 No Logo

Product Compatibility

- Sensormatic AM Sensors
- Ranger Antenna
- Satellite Antenna
- Amorphous Core Antenna
- Stereo Overhead Traffic Sensor
- Mono Overhead Traffic Sensor
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Metal Foil Detection Plug-In Card
- Digital Remote Alarm
- Advertising Upgrade Kit
- Sensormatic Synergy RFID Retrofit Panel

Specifications

- Height** 165cm (65in)
- Width** 41.9cm (16.5in)
- Depth** 8.6cm (3.38in)
(at base w/o covers)
- Weight** 7.1kg (15.85lbs)
(w/o cover)
- Base cover** 1.7kg (2.6lbs)
- Accent band** 3.4kg (7.6lbs)

Electrical

Power Supply

- Primary input.....100-120Vac or
220-240Vac@50-60Hz
- Primary power fuse.....3.15A, 25OV
slo-blow, hi-breaking
- (One pedestal only)
- Current draw (120V).....<0.75Arms
- Current draw (240V).....0.37Arms
- Input power (120V).....<57W
- Input power (240V).....<57W

Transmitter

- Operating Frequency.....58kHz +/-200Hz
(sync pulse) 56kHz
- Transmit Burst Duration.....1.6ms
- Transmit Current mzx.....16A peak

Burst Repetition Rate

- Based on 50Hz ac.....75Hz or 37.5Hz
- Based on 60Hz ac.....90Hz or 45Hz

Receiver

- Center Frequency 58kHz

Environmental Constraints

Ambient Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Enclosure Rating

- IPXO
- Evaluated for altitudes less than 3000m (9800ft)

Declarations

EMC

- 47 CFR, Part 15
- EN 300 330-2
- EN 301 489-3
- EN 301 489-1
- EN55022
- EN55024
- ICES-003
- RSS-210

Safety

- UL 60950-1 (second edition)
- CSA C22.2.60950-1
- EN 60950-1

Consumer Awareness

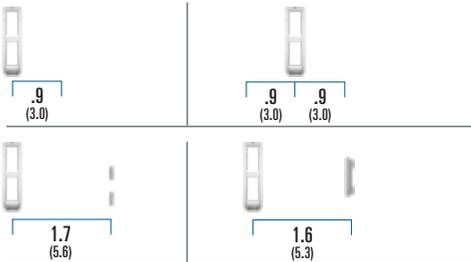
Although this anti-theft system complies with all applicable safety standards, advertising inserts must be designed to avoid creating any delay in customer movement through the system. Medical implant wearers are instructed by their physicians not to linger near, or lean on, anti-theft pedestals. Inserts should not encourage them to linger or lean.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.1

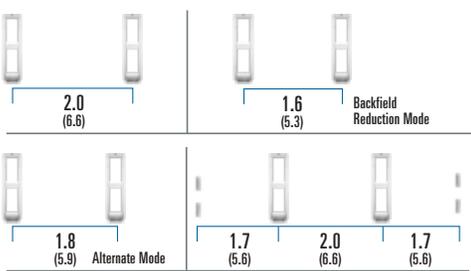
Configurations

Measurements - meters (feet)

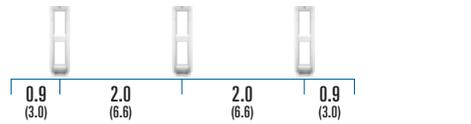
Single



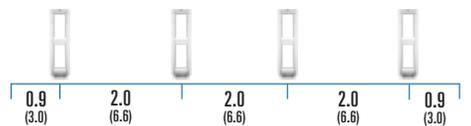
Dual



Split



Quad



Product Codes	Primary 2.0 Antenna	Single 2.0 Antenna	Dual 2.0 Antennas	Split 2.0 Antennas	Quad 2.0 Antennas	AMS9060 Controller	Cool Gray	Charcoal
ZS1175-CG	●						●	
ZASE-E20G1-12M (12M interconnect)		●				●	●	
ZASE-E20G2-12M (12M interconnect)			●			●	●	
ZASE-E20G3-12M (12M interconnect)				●		●	●	
ZASE-E20G4-12M (12M interconnect)					●	●	●	
ZS1175-CH	●							●
ZASE-E20B1-12M (12M interconnect)		●				●		●
ZASE-E20B2-12M (12M interconnect)			●			●		●
ZASE-E20B3-12M (12M interconnect)				●		●		●
ZASE-E20B4-12M (12M interconnect)					●	●		●

Please see hardware add-on options in the Accessory section





Sensormatic Synergy 2.5 Self-Contained Pedestal

Delivering next-generation store performance.

The Sensormatic Synergy 2.5 Self-Contained Pedestal provides superior Sensormatic AM EAS anti-theft protection with up to 2.5m (8.2ft) of coverage between pedestals. The on-board electronics are mounted in the primary pedestal, eliminating the need for an external controller. The integrated audio and visual alarms notify store personnel if protected merchandise passes through the detection zone. The multiple audio and visual alarms can be customized for different event types, mapping the audio and ambient lighting options to reflect the source of the alert such as foil-lined bags and jammer devices.

The pedestal features embedded, multiple-beam people-counting sensors designed for optimal accuracy. With the Synergy network card, these sensors provide visibility into shopper visits to enhance store performance and increase conversion rates. Integrating directional

traffic information with EAS alarm events allows the sensors to discern between inbound and outbound traffic, virtually eliminating unintended alarms triggered by shoppers carrying protected merchandise near the pedestals. People-counting sensors also enable a “power-on-demand” feature that puts the system into low-power standby mode during periods of low or no traffic activity to reduce power consumption up to 90%.

The onboard controller can be enhanced with the optional integrated Metal-Foil Detection plug-in card to effectively combat Organized Retail Crime, or the network plug-in card to deliver remote management, EAS and Traffic Intelligence.

Through system configuration, “tags-too-close” is an offered feature developed to help retailers maximize valuable selling floor space near the pedestals. This feature decreases nuisance alarms to enhance the shopper experience and reduce unnecessary and costly service calls. Another system-configured feature is Jammer Detection, which triggers a pedestal alarm as soon as an electronic signal from a jammer device is detected, helping eliminate the threat of would-be thieves using this method.

The optional Advertising Upgrade Kit leverages valuable pedestal real estate

at the store entrance to reach a large number of shoppers on-the-move. The easy-to-install poster helps draw shoppers into the retail environment with advertisements, modern designs or simple, low-cost printed graphics. This add-on also provides an opportunity to generate additional marketing co-op profit by bidding out this valuable advertising space to vendors.

Retailer Values

- // Consistent 2.5m (8.2ft) global detection performance protects critical assets
- // Embedded people-counting sensors capture shopper visits to help maximize store performance
- // Optional Metal-Foil Detection alerts staff when foil-lined bags or clothing enter the store environment, helping combat shrink and ORC
- // Optional network plug-in card delivers store-front alarm event and Traffic Intelligence to enhance loss prevention efforts and increase shopper visibility
- // “Tags-too-close” feature helps reduce unnecessary and costly service calls and maximizes valuable selling floor space near the pedestals

Retailer Values (con't)

- // Jammer Detection helps reduce shrink by notifying staff of attempts to disable the EAS system using a separate audible alarm
- // Optional Advertising Upgrade Kit offers a flexible medium to reach a large number of shoppers where most purchasing decisions are made
- // Customizable alarm tones and LED alarm light identify unique events to help reduce shrink
- // Remote alarm option alerts staff of alarm events anywhere in store
- // Service connection port allows full system software control at any antenna, helping reduce in-store service time

Required Choices

Base Covers

ZSSB-E1170CG

Cool Gray (Qty. 1=1 pair)

ZSSB-E1170CH

Charcoal (Qty. 1=1 pair)

Base Cover Accent Band

ZPS-ACCENT-1 With Sensormatic Logo

ZPS-ACCENT-4 No Logo

Product Compatibility

- Sensormatic AM Sensors
- Ranger Antenna
- Satellite Antenna
- Amorphous Core Antenna
- Stereo Overhead Traffic Sensor
- Mono Overhead Traffic Sensor
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Metal Foil Detection Plug-In Card
- Network Plug-In Card
- Digital Remote Alarmt
- Sensormatic Synergy Upgrade Advertising Kit

Specifications (without covers)

- Height** 165cm (65in)
- Width** 41.9cm (16.5in)
- Thickness/Depth** 8.6cm (3.4in)
(w/o base covers)
- Weight** 7.18kg (15.85lbs)
(w/o base covers)
- Base cover** 4.3kg (9.5lbs)
- 2C Controller Board** 1.2kg (2.75lbs)
- 4C Controller Board** 1.4kg (3.25lbs)
- Accent Band** 3.4kg (7.6lbs)

Electrical

Power Supply

- Primary input.....100-120Vac or
220-240Vac@50-60Hz
- Primary power fuse.....3.15A, 250V
slo-blow, hi-breaking
- Current draw (120V).....<0.6Arms
- Current draw (240V).....<0.3Arms
- Input power (120V).....<45W
- Input power (240V).....<45W

Transmitter

- Operating Frequency.....58kHz (+200Hz)
(sync pulse) 56kHz
- Transmit Burst Duration.....1.6ms
- Transmit Current mzx.....20A peak
- Burst Repetition Rate:
Based on 50Hz ac..... 75Hz or 37.5Hz
Based on 60HZ zc.....90Hz or 45Hz

Receiver

- Center Frequency 58kHz

Environmental Constraints

Ambient Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Enclosure Rating

IPXO
Evaluated for altitudes less than
3000m (9800ft)

Declarations

EMC

- 47 CFR, Part 15
- EN 300 330-2
- EN 301 489-3
- EN 301 489-1
- EN55022
- EN55024
- ICES-003
- RSS-210

Safety

- UL 60950-1 (second edition)
- CSA C22.2.60950-1
- EN 60950-1

Consumer Awareness

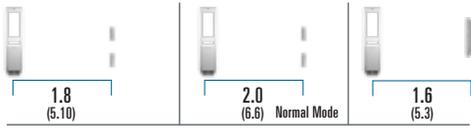
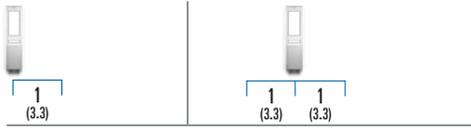
Although this anti-theft system complies with all applicable safety standards, advertising inserts must be designed to avoid creating any delay in customer movement through the system. Medical implant wearers are instructed by their physicians not to linger near, or lean on, anti-theft pedestals. Inserts should not encourage them to linger or lean.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.1

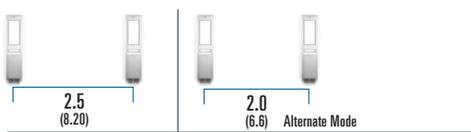
Configurations

Measurements - meters (feet)

Single



Dual



Product Codes	Primary 2.5 Antenna 2-channel stand alone	Primary 2.5 Antenna 4-channel stand alone	Single 2.5 Antennas	Dual 2.5 Antennas	Cool Gray	Charcoal
AMS1170-2C	●					
AMS1170-4C		●				
ZASI-E25GP (no interconnect)			●		●	
ZASI-E25G2-4M-1 (4M interconnect)				●	●	
ZASI-E25G2-12M-1 (12M interconnect)				●	●	
ZASI-E25BP (no interconnect)			●			●
ZASI-E25B2-4M-1 (4M interconnect)				●		●
ZASI-E25B2-12M-1 (12M interconnect)				●		●

Please see hardware add-on options in the Accessory section





Synergy RFID Retrofit Panel

The RFID Retrofit Panel is a simple, cost-effective upgrade to the Sensormatic Synergy 2.0 and 2.5 ABS pedestals. This easy-to-install upgrade delivers Radio Frequency Identification (RFID) technology to existing Acousto-Magnetic (AM) systems to provide shrink and inventory visibility, in addition to protecting Electronic Article Surveillance (EAS) infrastructure.

The panel leverages software-controlled beam-steerable technology for directional reading of AM/RFID-tagged merchandise at the exit. This provides retailers with real-time visibility into their assets, while the detection system uses Sensormatic AM EAS technology for the highest level of theft detection.

When coupled with Tyco's TrueVUE software, the Synergy RFID Retrofit Panel delivers advanced functionality to increase inventory visibility, minimize markdowns, and replenish out-of-stocks, helping to maximize sales and increase customer satisfaction. Retailers also gain deeper insight into what, when, and how specific items go missing to help optimize store operations.

For standalone RFID applications, the retrofit panel can be installed onto the 2.0 and 2.5 ABS pedestals without the AMS9060 controller.

Retailer Values

- // Provides a simple, cost-effective RFID upgrade to compatible AM pedestals
- // Protects EAS infrastructure investment and delivers advanced RFID functionality
- // Complements proven, reliable AM EAS technology with advanced RFID capabilities for item-level intelligence
- // Provides true directional sensing of RFID tag movement using beam-steering technology at exits, transition areas, or zones
- // Installs on single, dual, split and quad pedestal configurations
- // Integrates with TrueVUE software for advanced RFID functionality with real-time visibility into shrink and inventory accuracy

Configured Product Codes

IDSM20-NA-GR1U*
Cool Gray RFID Retrofit Kit, NA, Unidirectional

IDSM20-EU-GR1U*
Cool Gray RFID Retrofit Kit, EU, Unidirectional

IDSM20-NA-GR1B*
Cool Gray RFID Retrofit Kit, NA, Bidirectional

IDSM20-EU-GR1B*
Cool Gray RFID Retrofit Kit, EU, Bidirectional

* Kits noted above are Cool Gray color and include: beam steerable antenna, antenna cover, and mounting hardware for one pedestal. Charcoal color items are available.

** Synergy 2.0m and 2.5m ABS Pedestals are sold separately.

Required Hardware

RFID Reader

IDX2000-N1
2-Port RFID Reader with Power Supply (NA)

IDX2000-E1
2-Port RFID Reader with Power Supply (Europe)

IDX8000-N1
8-Port RFID Reader with Power Supply (NA)

IDX8000-E1
8-Port RFID Reader with Power Supply (Europe)

Product Compatibility

- Synergy 2.0 ABS Pedestal
- Synergy 2.5 ABS Pedestal
- AM/RFID Hard Tags
- AM Hard Tags and Labels
- TrueVUE Software
- EPC Gen2 Class I RFID Tags
(performance dependent on tag design)

Specifications

- Height** 160.02cm (63in)
- Width** 30.48cm (12in)
- Depth** 38.10cm (15in)
- Weight (Panel Only)** 3.9kg (8.5lbs)

RFID Functionality

Beam Steerable RFID Antenna

Frequency Bands

US 902-928MHz

EU 865-868MHz

Polarization RHCP

Gain (center beam) 6 dBiL

Gain (left/right beams) 4.7 to 5 dBiL

Beam angle ±20°

Beam width 55°

Electrical

Beam Steerable RFID Antenna

Impedance (normal) 50 Ohms

Pedestal (Transmitter)

Operating Frequency 58kHz +/-200Hz

.....(sync pulse) 56kHz

Transmit Burst Duration 6ms

Transmit Current mzx 16A peak

Burst Repetition Rate

Based on 50Hz ac 75Hz or 37.5Hz

Based on 60Hz ac 90Hz or 45Hz

Receiver

Center Frequency 58kHz

Alarm

Audio level 83dBA

Environmental Constraints

Beam Steerable Antenna

Operating Temperature -20°C to 65°C
(-4°F to 149°F)

Relative Humidity 5 to 90%
non-condensing

RFID Readers (IDX2000/8000)

Operating Temp -20° to 50°C
(-4° to 12°F)

Relative Humidity 5 to 95%
non-condensing

Pedestal

Ambient Temp 0°C to 50°C
(32°F to 122°F)

Relative Humidity 0 to 90%
non-condensing

Enclosure IPX0

Evaluated for altitudes less than 2000m
(6500ft).

DO NOT cover or block thermal cooling
air passages.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/ 2006 and subsequent amendments to both.





Sensormatic Synergy Camera

The Sensormatic Synergy Camera layers video surveillance onto compatible Synergy detection systems for real-time insight into loss events. The camera provides a video stream or image snapshot of a loss event as it occurs at the storefront to identify potential thieves, help control shrink, and increase safety for staff and customers.

The low-profile, high-performance camera mounts to a compatible Sensormatic Synergy pedestal and can automatically capture, store, and transmit visual notifications every time an alarm is detected. Store associates are immediately notified for instant verification of possible offender(s), or for a historical archive that can be reviewed any time for post event investigation. Clear, high-definition (HD) video recordings and snapshots can be triggered from pedestal alarms that include: jammer and metal-foil detection, blocked sensors, deactivator offline, power save on or off, tags-too-close and alarm count.

This visual verification can be shared with stores, other retail chains and law enforcement to help combat Organized Retail Crime.

NOTE: *The Synergy Camera can be integrated with any IP based Network Video Recorder (NVR) or Video Management System (VMS) and is automatically supported by Tyco's TrueVUE Enterprise, VideoEdge and exacqVision IP video platforms.*

Mobile device provides access to live and recorded exacqVision video. Exacq Mobile 3 App is available for IOS and Android devices.

Retailer Values

- // Mounts on pedestal for a direct line of sight into real-time alarm event
- // Enables easy identification of unique loss event with alarm time stamp
- // Improves real-time response to shrinkage control
- // Delivers HD quality images of potential theft events in real time to improve associate response times
- // Loss events captured thru the camera can be used for post-event forensic evidence with law enforcement

Product Codes

Synergy Camera Kit - Cool Gray

ZPS-CAMERA-CG

ZPS-PEDCAM Illustra Pro 2MP Micro, 2.6mm, ZPS-CAMENC-CG Synergy Camera Enclosure Cool Gray, ZPS-CAMCRW-CG Synergy Camera CBL Raceway Cool Gray

Synergy Camera Kit - Charcoal

ZPS-CAMERA-CH

ZPS-PEDCAM Illustra Pro 2MP Micro, 2.6mm, ZPS-CAMENC-CH Synergy Camera Enclosure Charcoal, ZPS-CAMCRW-CG Synergy Camera CBL Raceway Charcoal

Product Compatibility

Sensormatic Synergy 2.5 ABS Pedestal
Sensormatic Synergy 2.5 Self-Contained Pedestal
Sensormatic Synergy 2.0 ABS Pedestal
Sensormatic Synergy RFID Retrofit Panel

Specifications

Camera Enclosure

Length 9.6cm (3.8in)
Width 3.5cm (1.4in)
Height 5.1cm (2.0in)

Camera + Enclosure + Raceway

Weight 717g (1.58lbs)

Camera Module

Lens Focal Length 2.6mm, F28
 Image Sensor CMOS
 Iris Fixed
 Effective Pixels 1920 x 1080
 Scanning System Progressive
 Resolution 1080p (1920 x 1080)
 AGC Control Auto
 Day & Night Digital Day & Night
 Wide Dynamic Range Digital

Min. Illumination

Color 1Lux
 BW 0.01Lux (DSS ON)

Video

Compression Format
 H.264 Baseline, Main, High profile
 (MPEG-4 Part 10/AVC), MJPEG (Motion
 JPEG)
 Max Frame Rate 30fps@1080p

Function

Digital input/output 1/1 channel
 Network 10/100 Base T
 Power over Ethernet Supported
 Protocol QoS Layer 3 DiffServ,
 TCP/IP UDP/IP, HTTP, HTTPS, FTP,
 RTSP, RTCP, RTP/UDP, RTP/TCP, mDNS,
 UPnP™, SMTP, DHCP, DNS, DynDNS,
 NTP, SNMPv1/v2c/v3(MIB-II), IGMP, ICMP,
 SSLv2/v3, TLSv1
 SD Slot
 1 x microSD memory card slot
 (SD/SDHC up to 32GB supported)
 (Class 4 and higher recommended for HD
 recordings)

Special Features

Orientation Control Flip & Mirror
 Dynamic 2D Digital Noise Reduction
 (DNR) Supported (1approx 15)
 Smart Bitrate
 Control Supported (in VBR mode)
 Back Light
 Compensation On (5 zones)/Off
 Wide Dynamic Range On/Off
 Effective Pixels 1920 x 1080
 Soft Day & Night
 Auto/Day/Night (adjustable thresholds)

Environmental

Ambient Temperature

-10°C to 50°C (14°F to 122°F)

Relative Humidity

0 to 85% non-condensing

Enclosure Rating

IPX0

Storage Temperature

-40°C to 60°C (-40°F to 140°F)

Declarations

EMC

FCC Part 15 Class A
 EN 55022 Class A
 AS/NZS CISPR 22 Class A
 ICES-003/NMB-003 Class A

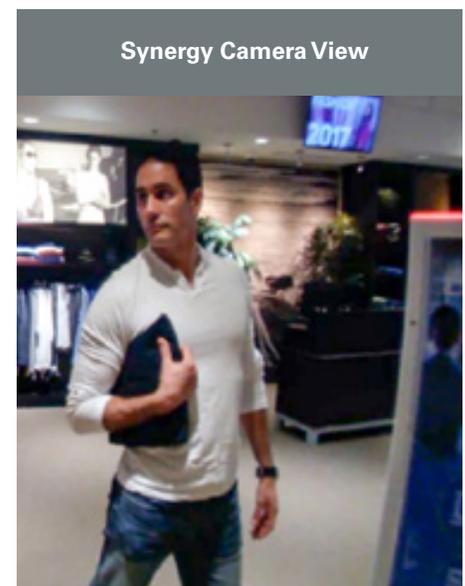
Safety

UL 609501
 IEC 60950-1
 CSA C22.2.60950
 EN 60950-1

Immunity

EN55024
 EN61000-6-1
 IEC 62599-2

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Wide angle lens that captures 104° field of view with a 2.6mm focal length



Pro-Max

Not approved for sale in European Countries

A durable, all-weather anti-theft solution ideal for outdoor retail settings.

The high-impact construction and attractive design of the Pro-Max provides all-weather durability and performance; making it an ideal solution for DIY outdoor patios. This detection system features Sensormatic AM EAS technology for the highest level of theft detection and protection for wide exits up to 10.7m (35ft) with a minimum 1.2m (4ft) of coverage between pedestals. Multiple pedestal systems can be set up for zone detection and only activate alarms on the pedestal closest to where a live tag or label is detected. Each pedestal is equipped with integrated visual and audible alarms to notify store associates if protected merchandise passes through the detection zone.

Through system configuration, “Tags-too-Close” is an offered feature developed to help store associates better manage merchandising of tagged goods at the front of the store. This feature helps reduce unnecessary and costly service calls and decreases nuisance alarms to enhance the shopper experience. Another system-configured feature is Jammer Detection. This software triggers a pedestal alarm as soon as an electronic signal from a Jammer device is detected; helping eliminate the threat of would-be thieves using this method.

Pro-Max provides in-store EAS and Traffic Intelligence when connected to a compatible data management device to help better manage store operations.

Retailer Values

- // All-weather design can be installed outdoors without an additional cover
- // Zone detection helps associates quickly pinpoint detection event location
- // Built-in visual and audible indicators immediately notify staff of alarm events
- // When connected to a compatible data management device, this system provides in-store EAS and Traffic Intelligence to better manage store operations
- // “Tags-too-Close” feature helps reduce unnecessary and costly service calls and helps manage merchandising of tagged products at the store front
- // Jammer Detection helps reduce shrink by notifying staff of attempts to disable the EAS system using a separate audible alarm

Product Compatibility

- Sensormatic AM Sensors
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Stereo Overhead Traffic Sensor
- Mono Overhead Traffic Sensor
- Digital Remote Alarm

Specifications

Height 159cm (62.5in)

Width

Pedestal Width 68cm (26.75in)

Base Shroud Width 72cm (28.5in)

Thickness/Depth

Base Shroud Depth 10cm (4in)

Weight 14kg (31lbs)

Electrical

Transmitter

Operating Frequency 58 kHz (± 200 Hz)

Transmit Burst Duration 1.6ms

Transmit Current 20A peak

Burst Repetition Rate

Based on 50Hz ac 75Hz or 37.5Hz

Based on 60Hz ac 90Hz or 45Hz

Receiver

Center Frequency 58kHz

Receiver Coil Resistance 1.6 ohms
($\pm 5\%$)

Alarm

Alarm Relay Output DPDT contacts

Contact Switching Current 1.0A max

Contact Switching Voltage 28V max

Environmental Constraints

Ambient Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Declarations

EMC

47 CFR, Part 15

RSS 210

ICES-003

Safety (second edition)

IEC 60950-1

ZSPM4-OD only

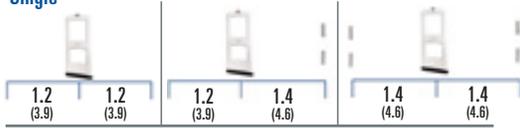
NEMA 3R, IP43

This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/ 2006 and subsequent amendments to both..

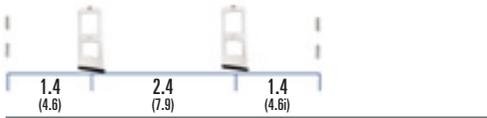
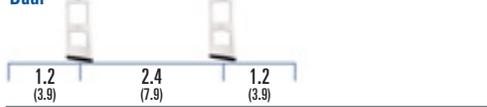
Configurations for countries in the EU/EFTA and those using similar rules and standards.

Measurements - meters (feet)

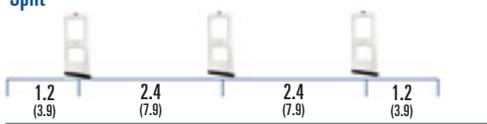
Single



Dual



Split

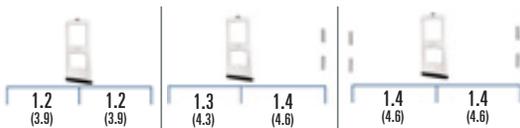


Quad

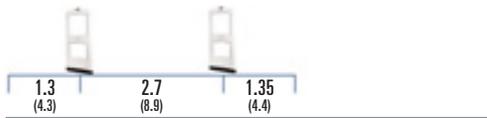


Configurations for the Rest of the World (ROW)

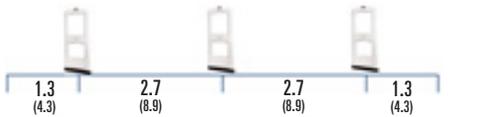
Single (ROW)



Dual (ROW)



Split (ROW)



Quad (ROW)



Product Codes	Antenna Configurations								AMS9060 Controller
	Single Digital Antenna(s)	Dual Digital Antenna(s)	Split Digital Antenna(s)	Quad Digital Antenna(s)	Single Outdoor Digital Antenna(s)	Dual Outdoor Digital Antenna(s)	Split Outdoor Digital Antenna(s)	Quad Outdoor Digital Antenna(s)	
ZSPM5	●								
ZAPM5-1	●								●
ZAPM5-2		●							●
ZAPM5-3			●						●
ZAPM5-4				●					●
ZAPM5-OD1					●				●
ZAPM5-OD2						●			●
ZAPM5-OD3							●		●
ZAPM5-OD4								●	●

Please see hardware add-on options in the Accessory section





Ultra 1.5m ABS Pedestal

The Ultra 1.5m ABS Pedestal combines simplicity with reliable performance, creating an affordable AM EAS anti-theft solution while providing a visual deterrent against theft.

The electronics are contained within the base of the primary pedestal, eliminating the need for an external controller, reducing installation and maintenance costs. The coverage area is 0.9m (3ft) for a single door and 1.5m (5ft) for double doors. Equipped with integrated visual and audible alarms this pedestal will notify store personnel if protected merchandise passes through the detection zone.

Through system configuration, "Tags-too-Close" is an offered feature developed to help store associates better manage merchandising of tagged goods at the front of the store. This feature helps reduce unnecessary and costly service calls and decreases nuisance alarms to enhance the shopper experience.

Retailer Values

- // Electronics are located in the primary pedestal to help reduce install and maintenance costs
- // Provides shoplifting coverage up to 1.5m (5ft) between pedestals to protect critical assets
- // High-impact ABS construction provides long-term durability for virtually any retail setting
- // Integrated audible and visual indicators immediately notify store associates of alarm events
- // "Tags-too-Close" feature helps reduce unnecessary and costly service calls and helps manage merchandising of tagged products at the storefront

Product Code

Contact Sales team representative for ordering information

Product Compatibility

- Ranger Antenna
- Satellite Receivers
- Amorphous Core Antenna
- Sensormatic AM Tags & Labels
- Shrink Management as a Service (SMaaS)
- Wireless Device Manager
- Wireless Module
- Digital Remote Alarm

Specifications

- Height** 134.5cm (52.9in)
- Width** 35cm (13.8in)
- Thickness/Depth**
At base w/o cover.....11.9cm (4.7in)
- Weight (w/cover)**
..... Primary 10.84kg (23.9lb)
..... Secondary 9.72kg (21.45lb)
- Weight (w/o cover)**
..... Primary 7.36kg (16.2lb)
..... Secondary 6.2kg (13.75lb)

Electrical

Transmitter

- Operating Frequency 58kHz (+200Hz)
- Transmit Burst Duration..... 1.6ms

Burst Repetition Rate

- Based on 50Hz ac..... 37.5Hz/75Hz
- Based on 60Hz ac..... 45Hz/90Hz
- Transmit Coil Resistance.....0.11ohms
(±2%)

Receiver

- Inputs 8 ports
- Center Frequency58kHz
- Receive Coil Resistance..... 0.11ohms
(±2%)

Electrical (con't)

Alarm

Audio Relay Output.....DPDT contacts
 Contact Switching Current..... 1.0A max.
 Contact Switching Voltage..... 28V max.
 Lamp/Audio Duration..... 1-30 sec.
 (1 sec. increments)
 Audio Level 89dB(A)

Environmental Constraints

Operating Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90% non-condensing

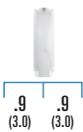
Enclosure

IPX0
 Evaluated for altitudes less than 3200m
 (10,500ft)

Configuration

Measurements - meters (feet)

Single



Dual



Declarations

EMC

47 CFR, Part 15
 EN 300 330
 EN 301 489-1
 EN 301 489-3
 EN 61000-3-2
 EN 61000-3-3
 ICES-003
 RSS-210

Safety

UL/EN 60950-1
 CSA-C22.2.60950-1

CE This product is in conformity with
 RoHS II Directive 2011/65/EU and REACH
 Substances of Very High Concern as
 defined in Regulation (EC) No 1907/2006
 and subsequent amendments to both.





Ultra•Post Self-Contained Pedestal

Energy-efficient pedestal saves on power without sacrificing performance.

The energy-efficient Ultra•Post provides superior Sensormatic AM EAS anti-theft protection with up to 1.8m (6ft) of coverage between pedestals. The on-board electronics are contained within the base cover of the primary pedestal, eliminating the need for an external controller, and reducing installation and maintenance costs. The integrated audio and visual alarms notify store personnel if protected merchandise passes through the detection zone.

The optional integrated Traffic Counter add-on device provides visibility into shopper traffic patterns and directional traffic information that is customizable to control alarm events. This add-on also provides visibility into shopper directionality by discerning between inbound and outbound traffic and helps virtually eliminate unintended EAS alarms triggered by shoppers carrying tagged goods near EAS detectors. The integrated Traffic Counter also provides the "power-

on-demand" feature that places this dual detection system into low-power standby mode during periods of low or no traffic activity to reduce power consumption up to 86% when in this mode.

Through system configuration, "Tags-too-Close" is an offered feature developed to help store associates better manage merchandising of tagged goods at the front of the store. This feature helps reduce unnecessary and costly service calls and decreases nuisance alarms to enhance the shopper experience. Another system-configured feature is Jammer Detection. This software triggers a pedestal alarm as soon as an electronic signal from a Jammer device is detected; helping eliminate the threat of would-be thieves using this method.

The optional Advertising Upgrade Kit leverages valuable pedestal real estate at the store entrance to reach a large number of shoppers on-the-move.

The easy-to-install poster helps draw shoppers into the retail environment with advertisements, modern designs or simple low-cost printed graphics. This add-on also provides an opportunity to generate additional marketing co-op profit by bidding out this valuable advertising space to vendors.

Retailer Values

- // Consumes up to 40% less power out-of-the-box than previous Ultra•Post systems, without sacrificing performance
- // Consistent 1.8m (6ft) global detection performance protects critical assets
- // Integrated traffic counting option provides Traffic Intelligence and directionality to calculate conversion rates and maximize store performance
- // EAS Intelligence option allows delivery of in-store operational information to better manage loss prevention and store operation efforts
- // "Tags-too-Close" feature helps reduce unnecessary and costly service calls and helps manage merchandising of tagged products at the store front
- // Jammer Detection helps reduce shrink by notifying staff of attempts to disable the EAS system using a separate audible alarm
- // Advertising Upgrade Kit offers a flexible medium to reach a large number of shoppers on the move

Product Compatibility

- Sensormatic AM Sensors
- 9.75m Concealed Floor System
- 8.5m Concealed Floor System
- 7.5m Concealed Floor System
- Floor-Max Concealed Floor System
- Ranger Receivers
- Satellite Receivers
- Amorphous Core Receiver
- Integrated Traffic Counter
- Stereo Overhead Traffic Sensor
- Mono Overhead Traffic Sensor
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- SMaaS to Compatibility
- Digital Remote Alarm

Specifications

- Height** 145cm (57in)
- Width** 41cm (16.1in)
- Thickness/Depth** 11.5cm (4.5in) (base)
- Weight**
- Primary Pedestal 15.1kg (33.3lbs)
- Secondary Pedestal 14kg (30.9lbs)

Electrical

Transmitter

- Outputs 1 port
(two antennas, multiplexed)
- Operating Frequency 58kHz (±200Hz)
- Transmit Burst Duration 1.6ms
- Transmit Current (nominal) 37A peak

Burst Repetition Rate

- Based on 50Hz ac 37.5Hz/75Hz
- Based on 60Hz ac 45Hz/90Hz
- Transmit Coil Resistance 0.11 ohms
(±2%)

Receiver

- Inputs 8 ports
- Center Frequency 58kHz
- Receive Coil Resistance 0.11 ohms
(±2%)

Alarm

- Alarm Relay Output DPDT contacts
- Contact Switching Current 1.0A max.
- Contact Switching Voltage 28V max.
- Lamp/Audio Duration 1–30 sec.
(1 sec. increments)
- Audio Level 89dB(A)

Environmental Constraints

Ambient Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Declarations

EMC

- 47 CFR, Part 15
- EN 300 330
- EN 301 489
- RSS-210

Safety

- IEC 60950-1

Consumer Awareness:

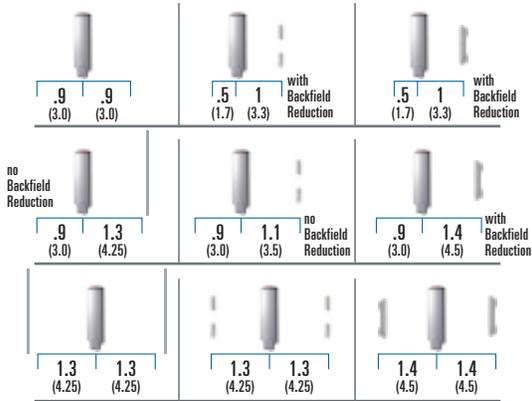
Although this anti-theft system complies with all applicable safety standards, poster inserts must be designed to avoid creating any delay in customer movement through the system. Medical implant wearers are instructed by their physicians not to linger near, or lean on, anti-theft system pedestals. Graphic inserts should not encourage them to linger or lean.

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

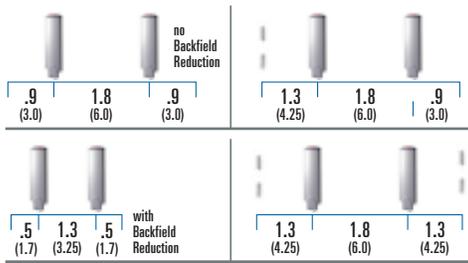
Configurations

Measurements - meters (feet)

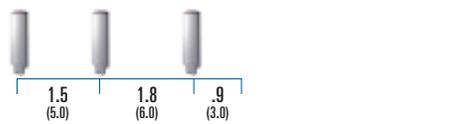
Single



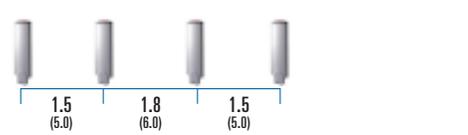
Dual



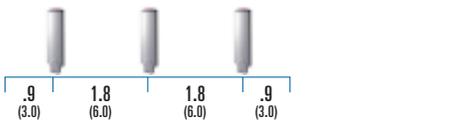
Dual Install w/one side secondary



Dual Install w/two side secondary

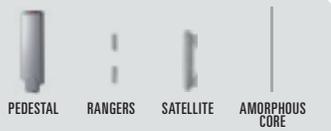


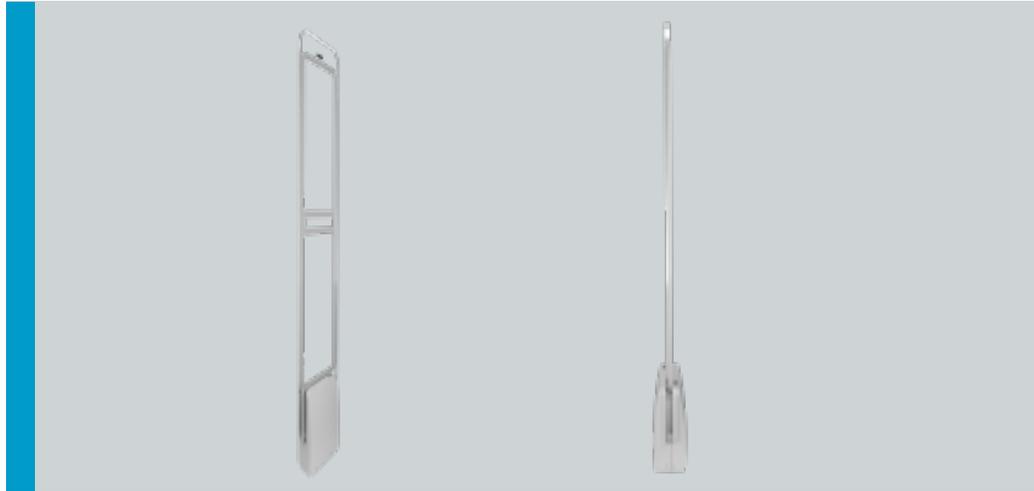
Split



Product Codes	Primary Antenna(s)	Secondary Antenna(s)	Single Antenna(s)	Dual Antenna(s)	4m (13ft) Cable	12m (40ft) Cable	15m (50ft) Cable
ZS1014-P	●						
ZS1014-S		●					
ZA1014-1			●				
ZA1014-2-4M				●	●		
ZA1014-2-12M				●		●	
ZA1014-2-15M				●			●

Please see hardware add-on options in the Accessory section





Ultra 1.8m Acrylic Pedestal

Combines simplicity and reliability for an attractive, affordable anti-theft solution.

The Ultra 1.8m Acrylic Pedestal combines simplicity with reliable performance to deliver an affordable, attractive anti-shoplifting solution. Constructed from high-grade, durable acrylic, this pedestal provides a transparent, sophisticated look at store entrances. The system supports pedestal spacing up to 1.8m (5.9ft) with expanded capabilities of 7.2m (23ft) when powered by the AMS9060 controller. The integrated alarm provides a unique alarm to notify store personnel if protected merchandise passes through the detecton zone. Each pedestal fully illuminates with a blue light for visual notification and deterrence during an alarm event.

Through system configuration, "Tags-too-Close" is an offered feature developed to help store associates better manage merchandising of tagged goods at the front of the store. This feature helps reduce unnecessary and costly service calls and decreases nuisance alarms to enhance the shopper experience. Another system-configured feature is Jammer Detection which triggers a pedestal alarm

as soon as an electronic signal from a jammer device is detected, helping eliminate the threat of would-be thieves using this method.

The Ultra 1.8m Acrylic Pedestal can be integrated with Sensormatic Shrink Management as a Service (SMaaS) which provides device management to ensure reliability and optimal system performance, data insights to proactively manage shrink and combat ORC activity.

Retailer Values

- Ideal for protecting exits up to 7.2m (23.7ft)
- Modern, transparent design compliments any store setting
- A unique blue illumination light to provide visual notification of alarm events
- Integrated audible alarm notifies store associates of alarm events
- "Tags-too-Close" feature helps reduce unnecessary and costly service calls and manage merchandising of tagged products at the store front
- Jammer detection helps reduce shrink by notifying staff of attempts to disable the EAS system using a separate audible alarm
- Service connection port allows full system software control at any antenna, helping reduce in-store service time

- When powered by the AMS9060 Controller, optional Metal-Foil Detection alerts staff when foil-lined bags or clothing enter the store, helping combat shrink and ORC

Product Compatibility

AMS9060 Controller

Stereo Overhead Traffic Sensor
Mono Overhead Traffic Sensor
3D Overhead Traffic Counting Sensor
Sensormatic Metal-Foil Detection
Sensormatic Synergy Network Card

AMS9060 & AMS9080 Controllers

Sensormatic AM Sensors
Satellite Receiver
Ranger Antenna
Amorphous Core Antenna
Digital Remote Alarm
Shrink Management as a Service (SMaaS)
Wireless Device Manager
Wireless Module

Specifications

Height 145cm (4.75ft)
Width 32.4cm (1.06ft)
Depth (w/ base covers)
..... 10.9cm (4.29in)
Weight (w/base covers) 11.8kg (26lb)

Electrical

Power Supply

Primary Input 100-120Vac or
220-240Vac @ 50-60Hz
Primary Power Fuse 3.15A, 250V,
slo-blow, hi-breaking

Electrical (con't)

One pedestal

Current Draw (120V) <0.75Arms
 Current Draw (240V) <0.37Arms
 Input Power (120V) <57W
 Input Power (240V) <57W

Transmitter

Operating Frequency58kHz (+200Hz)
 (sync pulse) 56kHz
 Transmit Burst Duration..... 1.6ms
 Transmit Current Max (2.5m pedestals)
 20A peak
 Transmit Current Max (2.0m pedestals)
 16A peak

Burst Repetition Rate

Based on 50Hz ac..... 75Hz or 37.5Hz
 Based on 60Hz ac.....90Hz or 45Hz

Receiver

Center Frequency 58kHz

Environmental Constraints

Ambient Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90% non-condensing

Enclosure Rating

IPX0

Evaluated for altitudes less than 3000m (9800ft)

Declarations

EMC

47 CFR, Part 15
 EN 300 330-2
 EN 301 489-3
 EN 301 489-1
 EN 55022
 EN55024
 ICES-003
 RSS-210

Safety

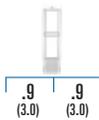
UL/EN 60950-1 (Second Edition)
 EN 62368-1 (Second Edition)
 CSA C22.2.60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

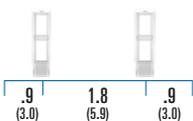
Configurations

Measurements - meters (feet)

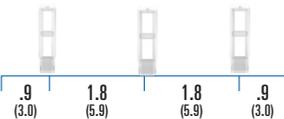
Single



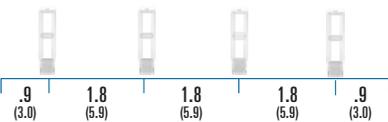
Dual



Split



Quad



Ultra 1.8m Acrylic Pedestal with AMS9060 Controller Product Codes	1.8m Antenna	Single 1.8m Antenna	Dual 1.8m Antennas	Split 1.8m Antennas	Quad 1.8m Antennas	AMS9060 Controller
ZS1156	●					
ZA1156-SC-12M-1 (w/ 12M interconnect)		●				●
ZA1156-SC-12M-2 (w/ 12M interconnect)			●			●
ZA1156-SC-12M-3 (w/ 12M interconnect)				●		●
ZA1156-SC-12M-4 (w/ 12M interconnect)					●	●

Optional

ZP1156-1C-15M: Interconnect Kit, 15M

***Contact Sales team representative for ordering information on the Ultra 1.8m Acrylic Pedestal with the AMS9080 Controller.**



Ultra 1.8m ABS Pedestal System

Affordable anti-theft protection in a modern, durable design

The new Ultra 1.8 ABS self-contained AM EAS system offers retailers an affordable and reliable anti-theft solution. The pedestal's sleek open frame blends seamlessly into any retail setting while providing a visual deterrent against theft and delivering superior pick rates in all environments, even noisy ones.

The on-board electronics are contained within the base cover of the primary pedestal, eliminating the need for an external controller and reducing installation and maintenance costs. The coverage area is 0.9m (3 ft) for a single door and 1.8m (6 ft) for double doors. The integrated alarm located in the base of the primary pedestal uses a distinguished audible alarm to notify store personnel if protected merchandise passes through the detection zone and also illuminates red for visual notification.

Through system configuration, "Tags-too-Close" is an offered feature developed to help store associates better manage

merchandising of tagged goods at the front of the store. This feature helps reduce unnecessary and costly service calls and decreases nuisance alarms to enhance the shopper experience.

Retailer Values

- // Provides shoplifting coverage up to 1.8m (6 ft) between pedestals to protect critical assets
- // Delivers superior pick rates in all environments
- // Jammer detection combats organized retail crime
- // High-impact ABS construction provides long-term durability for virtually any retail setting
- // Integrated audible and visual indicators immediately notify store associates of alarm events
- // EAS Intelligence option allows for delivery of in-store metrics to better manage loss prevention and optimize store operations
- // "Tags-too-Close" feature helps reduce unnecessary and costly service calls and helps manage merchandising of tagged products at the storefront
- // Electronics are located in the primary pedestal to help reduce install and maintenance costs

Product Code

ZS1145-P

Primary Pedestal, LT Gray, 1.8m

ZS1145-S

Secondary Pedestal, LT Gray, 1.8m

ZA1145-D

Dual Pedestal, LT Gray, 1.8m
(Single primary pedestal, secondary pedestal, 4m (13ft) interconnect cable kit)

ZA1145-SPLIT

Split Pedestal, LT Gray, 1.8m
(Two primary pedestals, secondary pedestal, 4m (13ft) interconnect cable kit)

Product Compatibility

Ranger Receivers
Satellite Receivers
Amorphous Core Receivers
Sensormatic AM Sensors
Wireless Device Manager
Wireless Module
Shrink Management as a Service (SMaaS)
Digital Remote Alarm

Specifications

Height 137cm (54in)

Width 35.8mm (14in)

Thickness/Depth

At base w/o cover..... 7.5cm (3in)

Weight (w/cover) 7.3kg (16lb) Primary
6.4kg (14lb) Secondary

Electrical

Transmitter

Operating Frequency 58kHz (+200Hz)

Transmit Burst Duration. 1.6ms

Burst Repetition Rate

Based on 50Hz ac..... 37.5Hz/75Hz

Based on 60Hz ac..... 45Hz/90Hz

Transmit Coil Resistance.....0.11ohms
(±2%)

Receiver

Inputs 8 ports

Center Frequency58kHz

Receive Coil Resistance..... 0.11ohms
(±2%)

Alarm

Audio Relay Output.....DPDT contacts

Contact Switching Current..... 1.0A max.

Contact Switching Voltage..... 28V max.

Lamp/Audio Duration.....1-30 sec
(1 sec. increments)

Audio Level 89dB(A)

Environmental Constraints

Ambient Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Enclosure

IPX0

Evaluated for altitudes less than 3200m
(10,500ft)

Declarations

EMC

47 CFR, Part 15

EN 300 330-2

EN 300 489-1

EN 300 489-3

RSS-210

Safety

UL 60950-1

CSA-C22.2.60950-1

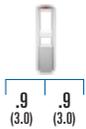
EN60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

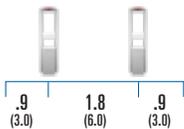
Configuration

Measurements - meters (feet)

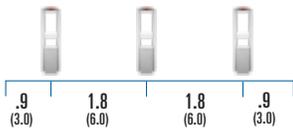
Single



Dual



Split



Product Codes	Single primary pedestal	Single secondary pedestal	Two primary pedestals and a secondary pedestal	4 meter (13 ft.) interconnect cable kit
ZS1145-P	●			
ZS1145-S		●		
ZA1145-D	●	●		●
ZA1145-SPLIT			●	●





Door-Max

Attractive, slender design compliments any store environment.

The Door-Max features Sensormatic AM EAS technology in an attractive, slender antenna to protect exits up to 1.8m (6ft) wide. Attached to door frames, glass and other surfaces, this detection system compliments any store decor whether in a shopping mall or a stylish boutique. The Door-Max is compatible with Sensormatic auxiliary receivers for a cost-effective alternative with comparable detection performance. The integrated audio and visual alarms notify store personnel if protected merchandise passes through the detection zone.

Through system configuration, "Tags-too-Close" is an offered feature developed to help store associates better manage merchandising of tagged goods at the front of the store. This feature helps reduce unnecessary and costly service calls and decreases nuisance alarms to enhance the shopper experience. Another system-configured feature is Jammer Detection. This software triggers a pedestal alarm as soon as an electronic signal from a Jammer device is detected; helping eliminate the threat of would-be thieves using this method.

Door-Max provides in-store EAS and Traffic Intelligence when connected to a compatible data management device to better manage store operations.

Retailer Values

- // Sleek, modern antenna compliments any store entrance
- // Built-in visual and audible indicators immediately notify store associates of alarm events
- // When connected to a compatible data management device, this system provides in-store EAS and Traffic Intelligence to better manage store operations
- // "Tags-too-Close" feature helps reduce unnecessary and costly service calls and helps manage merchandising of tagged products at the store front
- // Jammer Detection helps reduce shrink by notifying staff of attempts to disable the EAS system using a separate audible alarm

Product Compatibility

- Sensormatic AM Sensors
- Ranger Receivers
- Satellite Receivers
- Amorphous Core Receiver
- Stereo Overhead Traffic Sensor
- Mono Overhead Traffic Sensor
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Digital Remote Alarm

Specifications

- Height** 183.9cm (72.4in)
- Width** 24cm (9.4in)
- Thickness/Depth**..... 4.4cm (1.7in)
- Weight** 11.6kg (25.5lbs)

Electrical

Receiver

- Center Frequency 58kHz
- Receive Coil Resistance 1.6 ohms (±5%)

Alarm

- Audio Level 109dBA

Environmental Constraints

Ambient Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Enclosure

IPx0
Evaluated for altitudes less than 3200m (10,500ft)

Declarations

EMC

47 CFR, Part 15
EN 300 330
EN 301 489
RSS 210

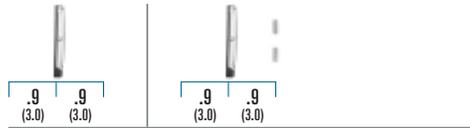
Safety

EN 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

Measurements - meters (feet)

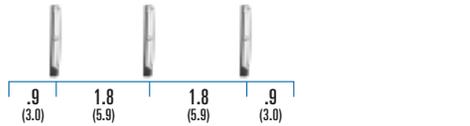
Single



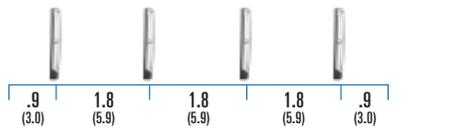
Dual



Split



Quad



Product Codes

	Digital Antenna	Single Antenna(s)	Dual Antenna(s)	Split Antenna(s)	Quad Antenna(s)	AMB9060 Controller
ZSDM4A	●					
ZADM4A-1		●				●
ZADM4A-2			●			●
ZADM4A-3				●		●
ZADM4A-4					●	●





Ultra•Lane Pedestal

Ideal anti-theft protection for grocery store checkout aisles or narrow doorways.

The Ultra•Lane Pedestal — specifically developed for grocery store checkout aisles or narrow doorways — features Sensormatic AM EAS technology to provide up to 1.8m (5ft 10in) of protection between pedestals. Each pedestal is equipped with integrated visual and audible alarms to notify store associates if protected merchandise passes through the detection zone. Multiple install options include installation to either side of a checkout counter, a railing post, or directly on to the door frame. Utilizing a Sensormatic Ranger Receivers, this system can also be mounted to the side of an opposing counter.

An optional system-configured feature is Jammer Detection. This software triggers a pedestal alarm as soon as an electronic signal from a Jammer device is detected; helping eliminate the threat of would-be thieves using this method.

Retailer Values

- // Slim antenna is ideal for checkout lanes and narrow doorways
- // High-impact construction protects against damage in high-traffic zones

- // Built-in visual and audible indicators immediately notify store associates of alarm events
- // When connected to a compatible data management device, this system provides in-store EAS and Traffic Intelligence to better manage store operations
- // Jammer Detection helps reduce shrink by notifying staff of attempts to disable the EAS system using a separate audible alarm

Product Compatibility

- Sensormatic AM Sensors
- Ranger Receivers
- Stereo Overhead Traffic Sensor
- Mono Overhead Traffic Sensor
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Digital Remote Alarm

Specifications

- Height** 121.3cm (47.8in)
- Width** 36.4cm (14.3in)
- Thickness/Depth** 3.6cm (1.4in)
- Weight** 5.2kg (11.5lbs)

Electrical

Transmitter

- Operating Frequency 58 kHz (±200Hz)
- Transmit Burst Duration 1.6ms
- Transmit Current Maximum 15A peak

Burst Repetition Rate

- Based on 50Hz ac 75Hz or 37.5Hz
- Based on 60Hz ac 90Hz or 45Hz

Receiver

- Center Frequency 58kHz

Alarm

- Audio Level 83dB(A) (maximum)

Environmental Constraints

Ambient Temperature

- 0°C to 50°C (32°F to 122°F)

Relative Humidity

- 0 to 90%, non-condensing

Declarations

EMC

- 47 CFR, Part 15
- EN 300 330
- EN 301 489
- RSS-210

Safety

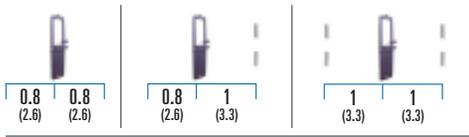
- IEC 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

Configurations

Measurements - meters (feet)

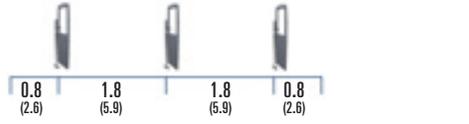
Single



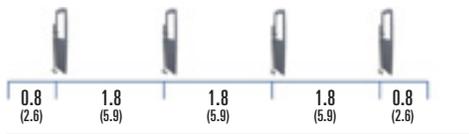
Dual



Split



Quad



Product Codes	Single Antenna(s)	Dual Antenna(s)	Split Antenna(s)	Quad Antenna(s)	AMS9060 Controller	Ranger Antenna(s)	Dark Gray Mullion Mounts	Checkstand Mounts	Pole Mounts
ZASE-EAG1-R1C	●				●	●			
ZASE-EAG2-R2C		●			●	●			
ZASE-EAG1-R2P			●		●	●			
ZASE-EAG1-C	●				●			●	
ZASE-EAG2-C		●			●			●	
ZASE-EAG3-C			●		●			●	
ZASE-EAG4-C				●	●			●	
ZASE-EAG1-P	●				●				●
ZASE-EAG2-P		●			●				●
ZASE-EAG3-P			●		●				●
ZASE-EAG4-P				●	●				●
ZASE-EEG1-M	●				●		●		
ZASE-EEG1-R1M	●				●	●	●		
ZASE-EEG2-M		●			●	●	●		





RFID Overhead EAS System

The RFID Overhead EAS System is a discreet alternative to traditional pedestal or concealed EAS floor systems. Designed to be installed above a store exit, this RFID-enabled system provides merchandise protection while maintaining the appearance of the store entrance. It is easy to deploy, provides wide exit coverage and takes up no floor space.

To get started, store associates simply attach RFID tags to items they want to protect. Powered by Sensormatic antennas and readers, the RFID Overhead EAS system utilizes beam-steering technology to determine if merchandise is stationary or moving. Combining RFID antenna reads with sensor 3D-vision data helps confidently determine tag directionality and reduce nuisance alarms. When protected merchandise passes through the detection zone, the system will alarm to alert staff of potential shoplifting events. RFID Overhead EAS systems are available in discreet or invisible configurations that offer merchandise protection for storefronts of any exit width.

Retailer Values

- **Alternative EAS Solution** – Provides discreet and scalable anti-theft protection for non-pedestal based applications
- **Wide Exit Coverage** – Protects a variety of store entrances, can be cascaded from a single door to any width exit
- **Modular System** – Addresses all store exit variations including options for ceiling mounting, suspended mounting and hidden behind ceilings
- **Modern Design** – Compliments store appearances with premium acrylic covers; ideal for open ceilings, curved architecture and clean-line storefronts
- **Simple Operation** – Operates as a standalone or integrates with SMaaS or TrueVUE platforms for real-time shrink visibility and device health management
- **Reduced Nuisance Alarms** – Provides tag directionality with the beam-steerable antenna and 3D-vision technology
- **RFID Entry Point** – Allows customers to experience RFID while providing a migration path for inventory intelligence

Product Codes

IDOE-1000-N1

IDOE-1000-E1

Single System Covers store exit widths of 1.8m (6ft) to 3.6m (12ft), IDA-3100 antenna installed discreetly or hidden above the ceiling, IDX reader hidden above the ceiling (only)

IDOE-2000-N1

IDOE-2000-E1

Dual System Covers store exit widths 5.5m (18ft) to 7.3m (24ft), IDA-3100 antenna is installed discreetly or hidden above the ceiling, IDX reader hidden above the ceiling (only)

IDOE-1010-N1

IDOE-1010-E1

Suspended Single System with Acrylic Covers (black) Covers store exit widths of 1.8m (6ft) to 3.6m (12ft), acrylic covers discreetly mounted to the ceiling or suspended with RF extension cables

IDOE-2010-N1

IDOE-2010-E1

Suspended Dual System with Acrylic Covers (black) Covers store exit widths of 5.5m (18ft) to 7.3m (24ft), acrylic covers discreetly mounted to the ceiling or suspended with RF extension cables

Alternative Acrylic Cover

035200735-02

White Acrylic Cover Assembly Kit

Included with each system:

- IDX-2000 RFID Reader
- RFID Antenna
- Digital Remote Alarm
- Xovis PC-2 Traffic Sensor
- PoE Injectors and Cables

Product Compatibility

- All Sensormatic AM/RFID Hard Tags
- TrueVUE Software Platform
- Sensormatic AM/RFID SuperTag Detacher

Specifications

Environmental Constraints

Temperature Range:

Operating -20°C to 50°C
(-4°F to 122°F)

Storage -20°C to 85°C
(-4°F to 185°F)

Humidity:

5% to 95%, non-condensing

Special Rating:

Plenum-rated, complies with UL-2043

Environmental Rating: IPXO

Power

110 VAC – 240VAC for PoE injector
Power over Ethernet (PoE) IEEE 802.3at
to the RFID reader

RFID Performance

Frequency Bands (Reader & Antennas)

FCC band (NA) 902-928 MHz

ETSI band (EU) 865-868 MHz

Antenna Gain 3.3-6dBiL
(antenna dependent)

RFID Transmit Power: +10.0 to +30.0 dBm

Connectivity

Network & Switch Connectivity

All manufactured network switches
1 x 10/100 base-T Ethernet switch in
reader
DHCP or static IP configurations

Regulatory

North America

EMC 47 CFR, Part 15
ICES-003
RSS-210
UL 60950-1
CSA-C22.2.60950-1

Europe

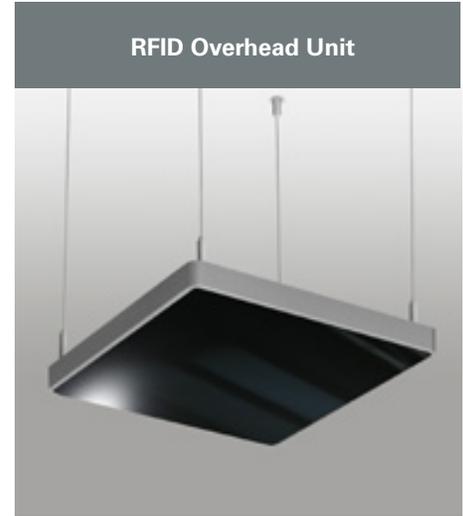
EN 302 208
EN 301 489
EN 60950-1

Refer to IDX-2000/8000 Quick Start Guide
at Sensormatic.com for current list of
approved countries.

CE This product is in conformity
with RoHS II Directive 2011/65/EU and
REACH Substances of Very High
Concern as defined in Regulation (EC) No
1907/2006 and subsequent amendments
to both

Note: Additional details specific to the
hardware is available in the Sensormatic
Product Catalog.

**All components listed can be ordered
individually as needed.**





Synergy 2.4m Concealed Door or Wall System

Exceptional, invisible Sensormatic protection for wide store exits.

The Sensormatic Synergy 2.4m Concealed Detection System delivers exceptional, yet discrete, Acousto-Magnetic (AM) EAS protection for environments that require a high vertical detection zone. This system provides protection up to 1.8m (6ft) off the floor and exits up to 2.4m (7ft 10in) wide to maximize customer flow and optimize merchandising floor space.

This system requires limited floor cutting for efficient installation. Receiver antennas mount to the door in a self-adhesive cable channel or inside the wall of the doorway. For high-detection performance, the transmitter cable is installed under the floor. If protected merchandise passes through the detection zone, the system emits an audible alert to notify store associates.

The optional 3D Overhead Traffic Counting Sensor can also be integrated

and configured to provide visibility into shopper visits to help drive incremental sales and improve conversion rates.

By integrating directional traffic information with EAS alarm events, the sensors can discern between inbound and outbound traffic. This helps reduce unintended alarms triggered by shoppers carrying protected merchandise near the exit. The system also includes a "power-on-demand" feature that puts it into low-power standby operation during user-defined periods, such as off store hours or periods of low customer activity passing through the system. Normal function returns once customer activity resumes. While in this mode, the system can save up to 78%* of power requirements.

This network-connected system delivers actionable data gathered from stores' EAS and traffic devices, as well as enables remote diagnostics and system power management.

Through system configuration, "Tags-too-Close" is an offered feature developed to help store associates better manage merchandising of tagged goods at the storefront. This feature helps decrease nuisance alarms to enhance the shopper experience and reduce unnecessary, costly service calls.

Another system-configured feature is Jammer Detection which triggers a system alarm as soon as an electronic signal from a jammer device is detected. This helps eliminate the threat of would-be thieves using this method.

**Based on the 3D Overhead Traffic Counting System and 3004A dual configuration, power requirements savings for other configurations will vary. Actual power savings depend on how many hours/day the AMS9060 is in low-power standby operation.*

Retailer Values

- // Delivers exceptional protection for wider exits to help maximize flow and optimize floor space
- // Enhances loss prevention efforts and increases shopper visibility through network connected store-front alarms and Traffic Intelligence
- // Helps lower cost of ownership with limited floor cutting at time of install
- // Enhances the shopper experience and maximizes storefront floor space with "Tags-too-Close" feature
- // Helps reduce shrink by notifying staff of the presence of a jammer device with a distinct audible alarm

Product Compatibility

- Sensormatic AM Sensors
- Synergy Pedestals
- Pro-Max
- Door-Max
- Ranger Receivers
- Satellite Receivers
- Amorphous Core Receiver
- 3D Overhead Traffic Counting Sensor
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)

Specifications

AMS3004-A

Cap-board Enclosure

- Length210mm (8.25in)
- Width.....271mm (10.6in)
- Depth..... 83.75mm (3.29in)
- Weight..... 2.1kg (4.6lbs)

Power Supply (AMS9060)

Electrical

Primary Input

100-120Vac or 220-240Vac
50–60Hz

Primary Power Fuse

3.15A, 250V, slo-blow, hi-breaking

Current Draw

(120V) <0.29 Arms
(240V) < 0.24Arms

Input Power

(120V) <19.7W
(240V) <21.6W

Transmitter

Transmission Burst Duration..... 1.6ms
Transmit Current..... 4.5-14Ao-p
(loop size related)

Burst Repetition Rate

90Hz with 1 loop
45Hz for each loop in 2 loop system

Receiver

Center Frequency58kHz±200Hz
Receiver Coil Resistance 13m (40ft),
4-conductor, shielded,
direct-burial, plenum-rated
Loop Cable..... 18m (60ft), 2-conductor,
shielded, direct-burial rated
Cap Box Power Cable 13m (40ft),
2-conductor, shielded,
plenum-rated

Environmental Constraints

Operating Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Declarations

EMC

- 47 CFR, Part 15
- EN 300 330
- EN 301 489
- RSS 210

Safety (second edition)

- UL 60950-1
- CSA C22.2.60950-1
- EN 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

Configurations - Examples

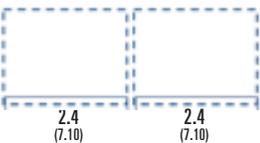
(please see Install Guide for additional options)

Measurements - meters (feet)

Single



Dual



Product Codes	Single Loop Antenna	Dual Loop Antenna(s)	AMS9060 Controller and Digital Remote Alarm	Conduit Kit	Glass Mounting Kit
ZA3004-1A	●		●		
ZA3004-2A		●	●		
ZP3004-CONDUIT				●	
0352-0072-01					●





Synergy 9.6m Concealed Floor System

Exceptional, invisible Sensormatic anti-theft protection for wide store exits.

The Sensormatic Synergy 9.6m Concealed Floor System delivers exceptional, yet discrete, Acousto-Magnetic (AM) EAS protection for retail environments with wide exits or open architecture requirements. This system provides merchandise protection for up to 9.6m (31.5ft) of coverage with a detection height of up to 1.2m (4ft), this system emits an audible alert to notify store associates if protected merchandise passes through the detection zone.

The installation of this concealed system minimally impacts store operations by eliminating the need for sub-floor excavation. Its thin, flat antenna simplifies the installation process even further by allowing the antenna to mount directly onto the concrete floor, then covering the antenna with flooring material. It is the ideal detection system for locations where pedestal systems or floor excavation is unwanted or prohibited.

The optional 3D Overhead Traffic Counting Sensor can be integrated and configured to provide visibility into shopper visits to help drive incremental sales and improve conversion rates.

By integrating directional traffic information with EAS alarm events, the sensors can discern between inbound and outbound traffic. This helps reduce unintended alarms triggered by shoppers carrying protected merchandise near the exit. The system also includes a “power-on-demand” feature that puts it into low-power standby operation during user-defined periods, such as off store hours or periods of low customer activity passing through the system. Normal function returns once customer activity resumes. While in this mode, the system can save up to 93%* of power requirements.

This network-connected system delivers actionable data gathered from stores’ EAS and traffic devices, as well as enables remote diagnostics and system power management.

Through system configuration, “Tags-too-Close” is an offered feature developed to help store associates better manage merchandising of tagged goods at the storefront. This feature helps decrease nuisance alarms to enhance the shopper

experience and reduce unnecessary and costly service calls.

Another system-configured feature is Jammer Detection which triggers a system alarm as soon as an electronic signal from a jammer device is detected. This helps eliminate the threat of would-be thieves using this method.

**Based on the 3D Overhead Traffic Counting Sensor and 2020A quad configuration, power requirements savings for other configurations will vary. Actual power savings depend on how many hours/day the AMS9060 is in low-power standby operation.*

Retailer Values

- Delivers exceptional protection for wider exits to help maximize flow and optimize floor space
- Enhances loss prevention efforts and increases shopper visibility through network connected store-front alarms and Traffic Intelligence
- Eliminates costly excavations by installing flooring material directly over thin antenna
- Provides an invisible, yet effective, AM EAS solution where pedestal systems are unwanted or prohibited

Configurations - Examples

(please see Install Guide for additional options)

Measurements - meters (feet)

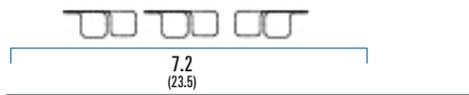
Single



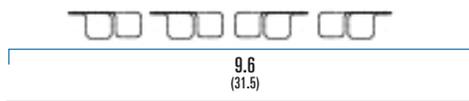
Dual



Split



Quad



Product Codes	Single Floor Antenna(s)	Dual Floor Antenna(s)	Split Floor Antenna(s)	Quad Floor Antenna(s)	AMS9060 Controller and Digital Remote Alarm	Floor Stencil	Single Cap Board Enclosure
ZA2020-1A	●				●		
ZA2020-2A		●			●		
ZA2020-3A			●		●		
ZA2020-4A				●	●		
ZP2020-STENCIL						●	
ZPENCL-CAP-S							●



LOOP



Synergy 8.6m Concealed Floor System

Exceptional, invisible Sensormatic anti-theft protection for virtually any retail environment.

The Sensormatic Synergy 8.6m Concealed Floor System delivers exceptional, yet discrete, Acousto-Magnetic (AM) EAS protection for wide retail environments. This system provides protection for exits up to 8.6m (28.5ft) and a vertical detection zone of up to 1.2m (4ft), emitting an audible alert to notify store associates if protected merchandise passes through the detection zone.

For existing retail environments, the AMS3030-A/AL is an ideal solution. Installation simply requires floor cuts in concrete where the antenna cabling is placed. Once secured, flooring material is then applied over the antenna. The AMS3031-A/AL version is intended for pre-construction installation. Its setup protects detection antennas against possible interference if metal or rebar is discovered below the subfloor. Both

install options deliver AM EAS detection for wide exits or open architecture requirements.

The optional 3D Overhead Traffic Counting Sensor can also be integrated and configured to provide visibility into shopper visits to help drive incremental sales and improve conversion rates.

By integrating directional traffic information with EAS alarm events, the sensors can discern between inbound and outbound traffic. This helps reduce unintended alarms triggered by shoppers carrying protected merchandise near the exit. The system also includes a “power-on-demand” feature that puts it into low-power standby operation during user-defined periods, such as off store hours or periods of low customer activity passing through the system. Normal function returns once customer activity resumes. While in this mode, the system can save up to 93%* of power requirements.

This network-connected system delivers actionable data gathered from stores’ EAS and traffic devices, as well as enables remote diagnostics and system power management.

Through system configuration, “Tags-too-Close” is an offered feature developed to help store associates better manage merchandising of tagged goods at the storefront. This feature helps decrease nuisance alarms to enhance the shopper experience and reduce unnecessary and costly service calls.

Another system-configured feature is Jammer Detection which triggers a system alarm as soon as an electronic signal from a jammer device is detected. This helps eliminate the threat of would-be thieves using this method.

**Based on the 3D Overhead Traffic Counting Sensor and 3030A quad configuration, power requirements savings for other configurations will vary. Actual power savings depend on how many hours/day the AMS9060 is in low-power standby operation.*

Retailer Values

- Delivers exceptional protection for wider exits to help maximize flow and optimize floor space
- Enhances loss prevention efforts and increases shopper visibility through network connected store-front alarms and Traffic Intelligence
- For minimal impact on store operations, the AMS3030-A/AL antenna install eliminates costly, large scale excavations

Retailer Values (con't)

- Helps protect detection antennas against possible interference if metal or rebar are discovered during construction installation for optimal system performance (AMS3031-A/AL only)
- Enhances the shopper experience and maximizes storefront floor space with "Tags-too-Close" feature
- Helps reduce shrink by notifying staff of the presence of a jammer device with a distinct audible alarm

Product Compatibility

- Sensormatic AM Sensors
- Synergy Pedestals
- Pro-Max
- Door-Max
- Ranger Receivers
- Satellite Receivers
- Amorphous Core Receiver
- 3D Overhead Traffic Counting Sensor
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)

Specifications

AMS3030-A/AL & AMS3031-A/AL

Capacitor Board Enclosure

- Length47.5cm (1.55ft)
- Width37.8cm (1.24ft)
- Depth8.5cm (3.3in)
- Weight2.4kg (5.25lbs)

AMS3031-A/AL

AMS3031-A Floor Loop Antenna

- Length (w/o coupling).....172cm (5ft 7in)
- Length (w coupling)176.9cm (5ft 9in)
- Width93.6cm (3ft 1in)
- Height (at coupling).....4.3cm (1.7in)
- Weight (conduit & wires)8.6kg (19lbs)

AMS3031-A/AL

Antenna Shield Tray

- Height2.05m (6.72ft)
- Width1.27m (4.17ft)
- Depth (at coupling).....1.19cm (.469in)

**Power Supply (AMS9060)
Electrical**

Primary Input

- 100-120VAC or 220-240VAC
- @ 50-60Hz

Primary Power Fuse

- 3.15A, 250V, slo-blow, hi-breaking

Current Draw

- (120V) <1.13Arms
- (240V) <0.72Arms

Input Power

- (120V) <82.1W
- (240V) <90.0W

Transmitter

- Operating Frequency58kHz (±200Hz)
(sync pulse 56kHz)
- Transmit Burst Duration1.6ms
- Max. Transmit Current20A peak

Burst Repetition Rate

- Based on 50Hz ac.....75Hz or 37.5Hz
- Based on 60Hz ac.....90Hz or 45Hz

Receiver

- Center Frequency58kHz
- Floor Antenna (Tx/Rx)
- Cable.....4-conductor, shielded,
burial-rated
- Cap Box Tx/Rx Cable.....13m (40ft),
4-conductor, shielded,
direct-burial, plenum-rated
- Cap Box Comm Cable13m (40ft),
4-conductor, shielded,
plenum-rated

Environmental Constraints

Operating Temperature

- 0°C to 50°C (32°F to 122°F)

Relative Humidity

- 0 to 90% non-condensing

Enclosure

- IPX0
- Evaluated for altitudes up to 3200m
(10,500ft)

Declarations

EMC

- 47 CFR Part 15
- RSS 210

Safety (second edition)

- UL/EN 60950-1
- CSA C22.2.60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

Configurations Examples

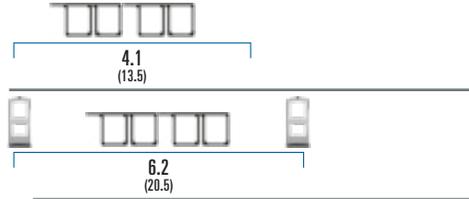
(please see Install Guide for additional options)

Measurements - meters (feet)

Single



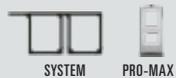
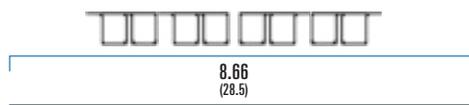
Dual



Split



Quad



Product Codes	Antenna Configurations				AMS9060 Controller and Digital Remote Alarm	Stencil	Level	Shielding Tray and Tiles
	Single Antenna 2.0m (6.5ft)	Dual Antennas 4.1m (13.5ft)	Split Antennas 6.2m (20.5ft)	Quad Antennas 8.66m (28.5ft)				
ZA3030-1A (40ft. cable run)	●				●			
ZA3030-2A (40ft. cable run)		●			●			
ZA3030-3A (40ft. cable run)			●		●			
ZA3030-4A (40ft. cable run)				●	●			
ZA3030-1AL (60ft. cable run)	●				●			
ZA3030-2AL (60ft. cable run)		●			●			
ZA3030-3AL (60ft. cable run)			●		●			
ZA3030-4AL (60ft. cable run)				●	●			
ZP3030-a-STENCIL						●		
ZA3031-1A (40ft. cable run)	●				●			
ZA3031-2A (40ft. cable run)		●			●			
ZA3031-3A (40ft. cable run)			●		●			
ZA3031-4A (40ft. cable run)				●	●			
ZA3031-1AL (60ft. cable run)	●				●			
ZA3031-2AL (60ft. cable run)		●			●			
ZA3031-3AL (60ft. cable run)			●		●			
ZA3031-4AL (60ft. cable run)				●	●			
ZP3031-LEVEL							●	
ZP3031-SHIELD								●



Metal-Foil Detection

Identify foil-lined “booster” objects as they enter the store.

Metal-Foil Detection identifies “boosters,” foil-lined bags or clothing commonly used in Organized Retail Crime, when entering/exiting the store. When a “booster” is detected, an audible or visual alarm alerts store personnel. The optional Metal-Foil Detection card simply plugs into the compatible AMS9060 Controller, no external enclosure or wiring required. It features multiple custom alerts such as visual and audible alarms at the pedestal and a digital remote alarm, or triggering a relay that connects to another device such as a paging system. Unlike competitive offerings, Metal-Foil Detection does not require additional antennas to operate — optimizing retail floor space and preserving store aesthetics.

Retailer Values

- // Protects merchandise from sophisticated shoplifters by identifying foil-lined bags or clothing as it enters or exits the store
- // Easily plugs into compatible AMS9060 Controller for a system upgrade
- // Requires no additional antennas to help provide optimal retail floor space for shopper traffic and merchandise displays
- // Provides full directional alarm flexibility when used with traffic counting

Product Codes

ZPSP-7020-MFD

Metal-Foil Detection Kit

Product Compatibility

AMS9060 Controller

Declarations

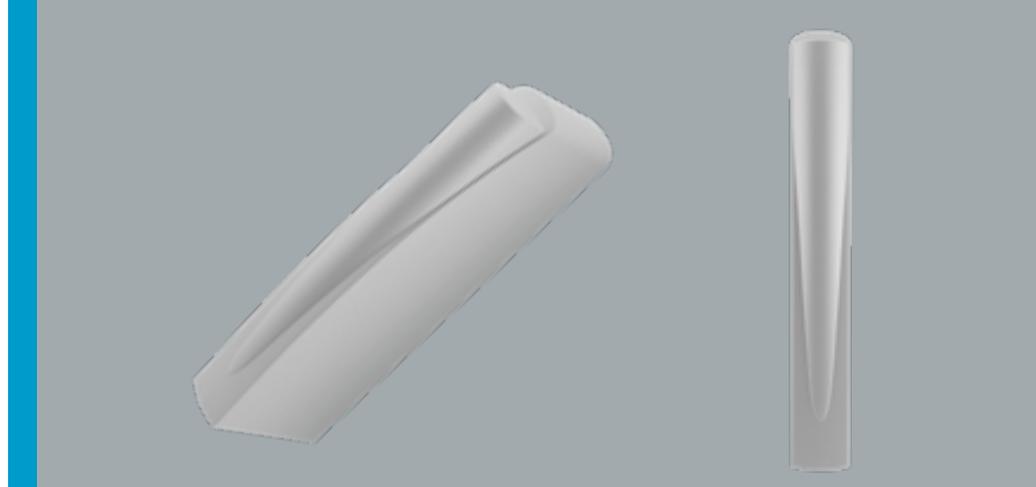
EMC

47 CFR, Part 15
EN 300 330
EN 301 489
RSS-210

Safety

IEC 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Ranger Antenna

A cost-effective, discrete way to extend Sensormatic EAS detection performance.

The Ranger Antenna is a small AM receiver installed on walls, doorframes, glass or metal surfaces. Compatible with all Sensormatic AM EAS detection systems, this antenna can be installed in place of an additional detection antenna, or used to extend the EAS detection performance of a compatible system. Its small size has minimal impact at the store entrance, is easy to conceal and can be a cost-effective alternative compared to the addition of another pedestal.

Retailer Values

- // Extends the detection field which may eliminate the need for a secondary pedestal
- // Lower cost of ownership and simple installation
- // Small size has minimal impact on store aesthetics

Product Codes

- ZKRANGER-1:** Single Configuration
- ZKRANGER-2:** Dual Configuration
- ZKRANGER-3:** Split Configuration
- ZKRANGER-DG:** Install Kit

Product Compatibility

- Sensormatic AM Sensors
- Sensormatic Synergy Pedestals
- Ultra-Post Self-Contained Pedestals
- Pro-Max
- Sensormatic Synergy Concealed Systems

Specifications

- Height** 24cm (9.5in)
- Width** 3.8cm (1.5in)
- Thickness/Depth** 8cm (3in)
- Weight** 0.5kg (1lb)

Environmental Constraints

Operating Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing
Evaluated for altitudes less than 3200m (10500ft)

Declarations

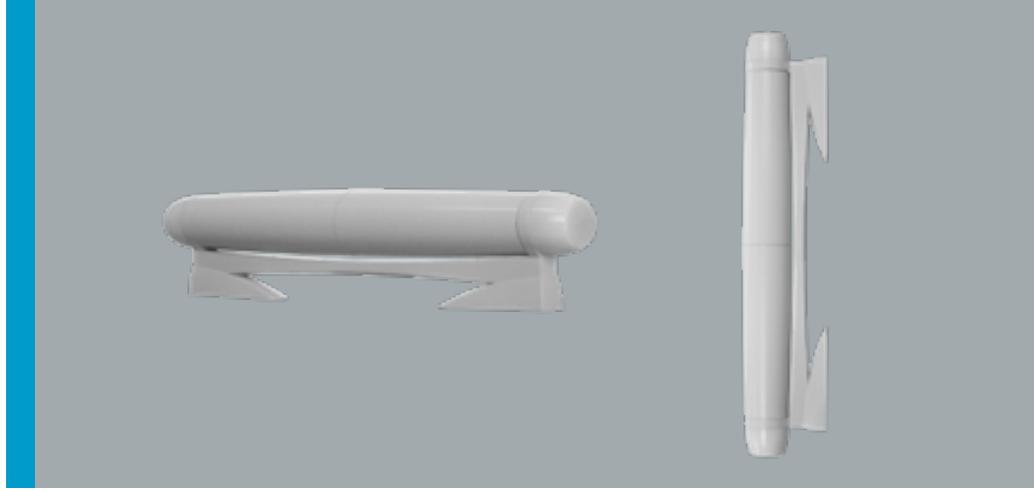
EMC

- 47 CFR, Part 15
- EN 300 330
- EN 301 489
- RSS-210

Safety (second edition)

IEC 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Satellite Receiver

An unobtrusive, highly-aesthetic solution for indoor retail environments.

Designed for indoor use only, the Satellite Receiver is an AM receiver that delivers maximum EAS protection with minimal visual impact on store entrances. This unobtrusive receiver can eliminate the need for one or more pedestals, making it a highly aesthetic solution for wide exits. With minimal backfield of approximately 0.5m (1.5ft), this device allows tagged merchandise close to the exit. The antenna mounts to walls or door frames and is compatible with all AM EAS detection systems.

Retailer Values

- // Open architecture solution provides wide exit coverage with minimal visual impact on store aesthetics
- // Minimal backfield allows tagged merchandise close to the exit
- // Mounts easily to walls or doorframes, to help maximize customer flow

Product Code

ZKRXMULLMT

Mullion Mount Satellite Receiver

Product Compatibility

- Sensormatic AM Sensors
- Sensormatic Synergy Pedestals
- Ultra•Post Self-Contained Pedestals
- Pro-Max
- Sensormatic Synergy Concealed Systems

Specifications

- Length**.....72.5cm (28.5in)
- Diameter**.....8.7cm (3.4in)
- Thickness/Depth**.....14.3cm (5.6in)
(w/bracket)
- Weight**4.5kg (10lbs)

Receiver

- Operating Frequency58-68kHz
- Receiver Coil Resistance 14 ohms
(±5%)

Alarm

- Audio Level Less than 70dB(A)
- Evaluated for altitudes less than 3200m
(10500ft)

Environmental Constraints

- Operating Temperature**
0°C to 50°C (32°F to 122°F)
- Relative Humidity**
0 to 90%, non-condensing

Declarations

Regulatory

(M4000 CE/Ultra•Post – non-European)

EMC

47 CFR Part 15

Regulatory

(M2000/Ultra•Post – European)

EMC

47 CFR, Part 15
EN 300 330
EN 301 489
RSS-210

Safety

Regulatory

(M4000 CE/Ultra•Post–non-European)
IEC 60950-1

Regulatory

(M2000/Ultra•Post–European)
IEC 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Amorphous Core Antenna

Hidden antenna provides an open-architecture solution for wide store exits.

The Amorphous Core Antenna delivers maximum EAS protection with minimal visual impact on store entrances, giving retailers with wide exits an open architecture solution. The unobtrusive antenna is hidden in a raceway installed on or inside the walls on one side of a pedestal, eliminates the need for one or more pedestals in a traditional EAS system. This antenna is compatible with all AM EAS detection systems.

Retailer Values

- // Open architecture solution provides wide exit coverage with minimal visual impact on store aesthetics
- // Mounts easily to walls for simple installation and lower cost of ownership
- // Small size has minimal impact on store aesthetics

Product Codes

ZPAMRX-S

Single Amorphous Core Receiver with Raceway

ZPAMRX-D

Dual Amorphous Core Receiver with Raceway

Product Compatibility

Sensormatic AM Sensors
Sensormatic Synergy Pedestals
Ultra•Post Self-Contained Pedestals
Pro-Max
Sensormatic Synergy Concealed Systems

Specifications

Height 6.75mm (0.266in)
Width 25.5mm (1.0in)
Length 1.74m (5ft 8.5in)
Weight 0.88kg (1.95lbs) (antenna only)

Receiver

Operating Frequency55-70kHz
Rx Antenna Resistance @DC..... 1.8 ohms
(+20%)
Rx Antenna Resistance @58kHz.. 75 ohms
(+20%)
Receiver Cable..... 12m (40ft), 2-conductor,
shielded, burial-rated, plenum-rated

Environmental Constraints

Operating Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Declarations

EMC

47 CFR, Part 15
EN 300 330
EN 301 489
RSS-210

Safety

IEC 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



AMS9060 Controller

Compact, energy efficient controller maximizes performance for compatible detection systems.

The AMS9060 Controller provides considerable cost savings, while significantly improving the performance of compatible detection systems. This controller processes signal inputs received from connected detection systems to determine if an active AM EAS tag or label has been detected. If protected merchandise passes through the detection zone, the controller activates an integrated alarm within the detection system to notify store personnel of the theft attempt. Its Digital Signal Processing (DSP) algorithms and filter technologies ensure superior performance in high-noise environments, automatically adjusting to account for changing surroundings. Focusing on the enhancement of EAS systems and the fulfillment of evolving retailers' needs, Tyco Retail Solutions engineered this advanced, lightweight controller to minimize total cost of ownership and enhance overall detection system's performance.

Retailer Values

- // 10% smaller and over 50% lighter than prior Sensormatic controllers
- // Uses 25% less power than prior Sensormatic controllers without sacrificing performance
- // Built-in 4kV surge protection minimizes service and maintenance costs
- // Improved synchronization reduces install time and false alarms caused by interferences
- // Output supports intelligent Sensormatic antennas for faster, more reliable install and service
- // Eliminates noise and minimizes power waste
- // Innovative DSP and filter technologies help ensure performance under harsh electronic noise conditions
- // Controls up to four pedestals to protect wide or multiple exits
- // Improved backfield reduction and "tags-too-close" feature maximizes space and reduce nuisance alarms
- // Jammer and Metal-Foil Detection notifies staff of potential organized retail crime activity
- // Network plug-in card provides remote management of EAS hardware and access reporting via web

- // Automatically adjusts to avoid interference from nearby EAS detectors upon power up or system reset
- // Auto-save function prevents count data loss in case of power interruption
- // Compatible with AM EAS pedestal RFID upgrades

Product Codes

ZE9060
AMS9060 Controller

Product Compatibility

Sensormatic Synergy Pedestals
Sensormatic Synergy Concealed Systems
Door-Max
Sensormatic Synergy Network Card
Sensormatic AM Sensors
Pro-Max
Ranger Antennas
Satellite Antennas
Wireless Device Manager
Wireless Module
Shrink Management as a Service (SMaaS)
Metal-Foil Detection Plug-In Card
Digital Remote Alarm



This controller improves the performance of compatible detection systems at considerable cost savings.

Specifications

Length..... 46.1cm (18.15in)
Width 29.82cm (11.74in)
Height 8.87cm (3.5in)
Weight 2.95kg (6.5lbs)

Electrical

Transmitter

Operating Frequency 58kHz (±200Hz)
 Transmit Burst Duration..... 1.6ms
 Max. Transmit Current20A peak
 (2.4m pedestals)
 Max. Transmit Current 16A peak
 (2m pedestals)

Burst Repetition Rate

Based on 50Hz ac..... 75Hz or 37.5Hz
 Based on 60Hz ac..... 90Hz or 45Hz

Receiver

Center Frequency58kHz

Environmental Constraints

Ambient Temperature

0°C to 50°C (32°F to 122°F)

Relative Humidity

0 to 90%, non-condensing

Enclosure

IPXO
 Evaluated for altitudes
 <2000m (6500ft)

Power Supply

Primary Input
 100-120VAC
 200-240VAC @ 50/60 Hz

Primary Power Fuse

3.15A, 250V, slo-blow, hi-breaking

Current Draw

(120V): <2.1Arms

Current Draw

(240V): < 0.9Arms

Input Power

(120V) <165W

Input Power

(240V): <165W

Declarations

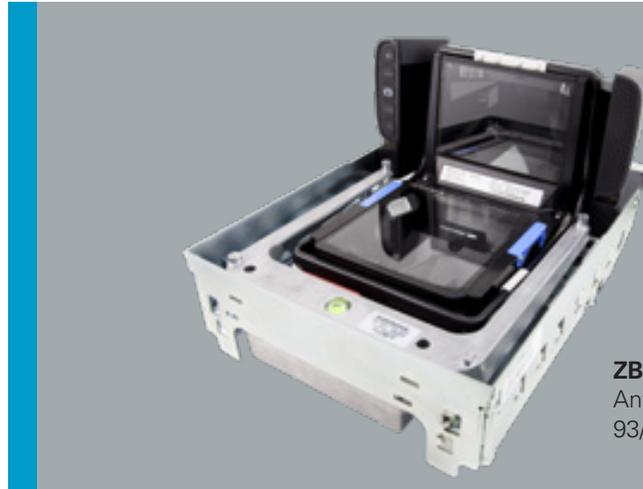
EMC

47 CFR, Part 15
 EN 300 330
 EN 301 489
 RSS-210

Safety

IEC 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



ZBAMB5194
Antenna for Magellan
93/9400i Scanner/Scale

Integrated Deactivators for Compatible Datalogic Scanners

These high-performance Sensormatic deactivators are comprised of antennas designed specifically to integrate with compatible Datalogic scanners. After products are scanned and information verified at the point-of-sale, the antennas automatically deactivate attached AM EAS labels for a fast and accurate checkout — even in high-traffic, high-volume locations. The antenna delivers high throughput deactivation regardless of label orientation, improving front-end checkout efficiencies. These true integrated deactivation solutions help prevent sweethearting, scan avoidance and merchandise switching.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly customizable reports to provide business-critical data.

Retailer Values

- // Accelerates checkout by simultaneously scanning and deactivating protected merchandise when connected to compatible scanners

- // Delivers high throughput deactivation regardless of label orientation, improving front-end checkout efficiencies
- // Only deactivates merchandise that has been scanned and purchased to help prevent sweethearting, scan avoidance and merchandise switching
- // Built-in audible and visual indicators provide immediate feedback when active labels are detected and deactivated, enhancing front-end productivity
- // EAS connectivity option allows generation of operational information to help quickly identify and correct performance issues

Product Compatibility

All Sensormatic AM EAS Labels
Wireless Device Manager
Wireless Module
Shrink Management as a Service (SMaaS)
Deactivation Remote Alarm Module

Product Codes

Approved Globally

Antenna for Magellan 9300i/9400i*

ZBAMB5194

ZBAMB5194L deactivator coil antenna, AMB9010-IPS Universal Controller, install kit and power cord

ZBAMB5194L

Deactivator coil antenna and install kit

***Note:** Must be retrofitted in the field.

Approved Globally

Antenna for Magellan 9800i*

ZBAMB5120

ZBAMB5120A deactivator coil antenna, AMB9010-IPS Universal Controller, install kit, power cord

ZBAMB5120A

Deactivator coil antenna and install kit

Note: Must be retrofitted in the field.

Approved for NA, APAC and LATAM

Antenna for Magellan 8500Xt*

ZBAMB5190

ZBAMB5190A deactivator coil antenna, AMB9010-IPS Universal Controller, install kit, power cord

ZBAMB5190A

Deactivator coil antenna

***Note:** Cannot be retrofitted in the field or into non-EAS ready scanners.

Retailer: When placing scanner order, Datalogic must be informed that the purchase will include a Sensormatic EAS deactivation antenna.

Approved Only for EMEA

Antenna for Magellan 8500*

ZBAMB5185R

ZBAMB5185R deactivator coil antenna, AMB9010-IPS Universal Controller, remote alarm, install kit and power cord

Product Codes (con't)

ZBAMB5185R

Deactivator coil antenna and install kit

***Note:** Must be retrofitted in the field. An industrial cover is required, minor check-stand modifications are necessary.

Approved Globally

**Antenna for Magellan 8300/8400
(platter required)***

**ZBAMB5184
(non-scale)**

ZBAMB5184A deactivator coil antenna, AMB9010-IPS Universal Controller, remote alarm, install kit and power cord

ZBAMB5184A

Deactivator coil antenna and install kit

***Note:** Must be retrofitted in the field.

**Antenna for Magellan 8300/8400
(medium length scanner platter)***

ZBAMB5184M

ZBAMB5184A deactivator coil antenna, ZBAMB5184VB Vertical Bezel, AMB9010-IPS Universal Controller, medium platter, remote alarm, install kit and power cord

ZBAMB5184A

Deactivator coil antenna and install kit

***Note:** Must be retrofitted in the field.

**Antenna for Magellan 8300/8400
(medium length scanner platter with
Sapphire glass)***

ZBAMB5184MS

ZBAMB5184A deactivator coil antenna, ZBAMB5184VB Vertical Bezel, AMB9010-IPS Universal Controller, medium platter with Sapphire glass, remote alarm, install kit and power cord

ZBAMB5184MA

Deactivator coil antenna and install kit

***Note:** Must be retrofitted in the field.

**Antenna for Magellan 8300/8400
(long length scanner platter)***

ZBAMB5184L

ZBAMB5184A deactivator coil antenna, ZBAMB5184VB Vertical Bezel, AMB9010-IPS Universal Controller, long platter, remote alarm, install kit and power cord

ZBAMB5184A

Deactivator coil antenna and install kit

***Note:** Must be retrofitted in the field.

**Antenna for Magellan 8300/8400
(long length scanner platter with
Sapphire glass)***

ZBAMB5184LS

ZBAMB5184A deactivator coil antenna, ZBAMB5184VB Vertical Bezel, AMB9010-IPS Universal Controller, long platter with Sapphire glass, remote alarm, install kit and power cord

ZBAMB5184LA

Deactivator coil antenna and install kit

***Note:** Must be retrofitted in the field.

Approved Globally

**Antenna for Magellan 2200VS and
3200VS**

ZBAMB5010

AMB5010A2 Vertical Antenna, AMB9010-IPS Controller, Install Kit, Power Cord

ZBAMB5010A2

Vertical Antenna, Install Kit

ZPSTP-RA

Remote Alarm Module (required)

Electrical

Requires Universal Controller:
ZBAMB9010-IPS

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



ZBAMB5120
Antenna for Magellan 9800i Model



ZBAMB5184
Antenna for Magellan 8300/8400 Model



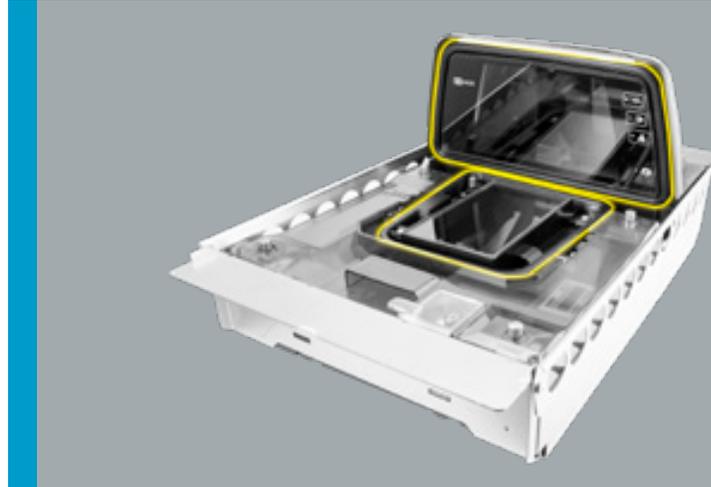
ZBAMB5185R
Antenna for Magellan 8500 Model



ZBAMB5190
Antenna for Magellan 8500Xt Model



ZBAMB5010
Antenna for Magellan 2200VS and 3200VS



ZBAMB5277
AMB5277 Bi-Planar
Antennas for NCR
RealScan™ 77

Integrated Deactivators for Compatible NCR Scanner/Scales

High-performance Sensormatic deactivators are comprised of antennas designed to integrate with compatible NCR RealScan™ Bi-Optic Scanner/Scales. After products are scanned and information verified at the point-of-sale, attached AM EAS labels are automatically deactivated for fast and accurate checkout — even in high-traffic, high-volume locations. The integrated antenna delivers high throughput deactivation regardless of label orientation to help improve front-end checkout efficiencies. These true integrated deactivation solutions also help prevent sweethearting, scan avoidance and merchandise switching.

The design and geometry of the antennas are unique to compatible NCR RealScan™ Bi-Optic Scanner/Scales and must be retrofitted in the field. The antenna is located inside the scanner housing to eliminate the need for checkstand modifications and reduce overall installation costs.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly, customizable reports with actionable business critical data.

Retailer Values

- // Accelerates checkout by simultaneously scanning and deactivating protected merchandise
- // Improves front-end efficiencies with high throughput deactivation regardless of label orientation
- // Helps prevent sweethearting, scan avoidance and merchandise switching by only deactivating merchandise that has been scanned and purchased
- // Reduces overall installation costs by eliminating the need for checkstand modification
- // Enhances front-end productivity with built-in audible and visual indicators that provide immediate feedback when active labels are detected and deactivated
- // Generates operational information to help quickly identify and correct performance issues associated with EAS connectivity

Product Codes

Bi-Planar Antennas for NCR RealScan™ 77 Bi-Optic Scanner

ZBAMB5277
AMB5277 Horizontal and Vertical Antennas, AMB9010-IPS Controller, Install Kit, Power Cord

Bi-Planar Antennas for NCR RealScan™ 74 Bi-Optic Scanner/Scale

ZBAMB5274
AMB5274 Horizontal and Vertical Antennas, AMB9010-IPS Controller, Install Kit, Power Cord

Bi-Planar Antennas for NCR RealScan™ 78 Bi-Optic Scanner/Scale

ZBAMB5278
AMB5278 Horizontal and Vertical Antennas, AMB9010-IPS Controller, Install Kit, Power Cord

Antenna for NCR RealScan™ 84 Single Window Scanner/Scale

ZBAMB5212
AMB5212 Horizontal Antenna, AMB9010-IPS Controller, Install Kit, Power Cord

Antenna for NCR RealScan™ 79 Bi-Optic Imager/Scale

ZBAMB5279
AMB5279 Horizontal Antenna, AMB9010-IPS Controller, Install Kit, Power Cord

Additional Antenna Option

Sensormatic deactivation antenna integrates around the NCR vertical scanner housing

ZBAMB5010
AMB5010 Vertical Antenna, AMB9010-IPS Controller, Install Kit, Power Cord

Product Compatibility

- All Sensormatic AM EAS Labels
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Deactivation Remote Alarm Module

Electrical

Requires Universal Controller
(ZBAMB9010-IPS)

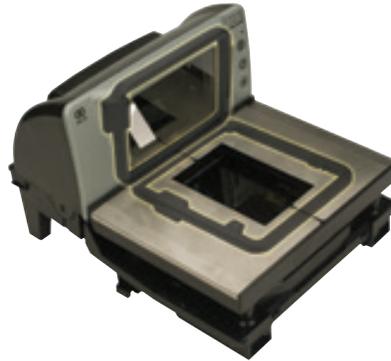
CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



ZBAMB5274
AMB5274 Bi-Planer Antennas for
NCR RealScan™ 74



ZBAMB5212
AMB5212 Horizontal Antenna for
NCR RealScan™ 84



ZBAMB5278
AMB5278 Bi-Planer Antennas for
NCR RealScan™ 78



ZBAMB5010
AMB5010 Vertical Antenna
integrates around the NCR vertical
scanner housing



ZBAMB5279
AMB5279 Horizontal Antenna for
NCR RealScan™ 79



Integrated Deactivator for NCR SelfServ 90 Kiosk

The high-performance Sensormatic deactivator is an antenna designed specifically to integrate with compatible Grab & Go NCR SelfServ 90 kiosks. After transaction is initiated, products are scanned and the antenna deactivates AM EAS labels for a convenient and accurate checkout. Regardless of label orientation, an active label can be deactivated up to 4.5 inches away from the scanning window.

The deactivation antenna design and geometry is unique to the NCR SelfServ 90 kiosk and must be retrofitted in the field. The antenna is embedded directly behind the imaging scanner window housing allowing accurate deactivation once merchandise is scanned. The Universal Deactivation Controller (AMB9010-IPS) provides the power to efficiently operate the deactivation antenna.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly customizable reports to provide business critical data.

Retailer Values

- // Streamlines the checkout process by simultaneously scanning and deactivating protected merchandise to help alleviate unnecessary shopper delays
- // Enables deployment in space-constrained retail locations without impacting merchandising space
- // Generates operational information to help quickly identify and correct performance issues with the EAS connectivity option

Product Codes

ZBAMB5290

AMB5290A, ZBAMB9010-IPS, Power Cord

ZBAMB5290A

AMB5290, Vertical Coil Antenna Kit

ZBAMB9010-IPS

AMB9010-IPS Controller

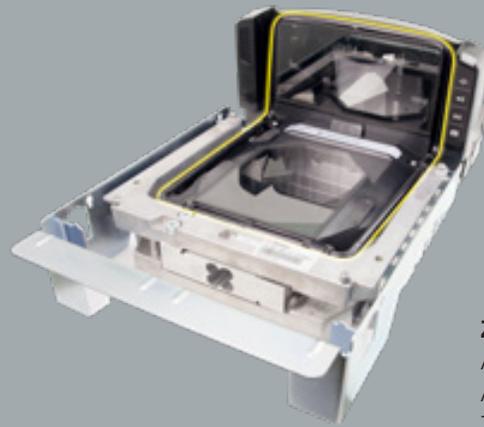
Product Compatibility

- All Sensormatic AM EAS Labels
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Deactivation Remote Alarm Module

Electrical

Requires Universal Deactivation Controller (ZBAMB9010-IPS)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both. All Sensormatic AM EAS Labels



ZBAMB5470
AMB5470 Bi-Planar
Antenna for
Zebra MP7000

Integrated Deactivator for Compatible Zebra Scanner/Scale

This high-performance Sensormatic deactivator antenna integrates with the Zebra MP7000 Multi-Plane Bi-Optic Scanner/Scale for a more streamlined checkout experience. After cashiers scan products and information verified at the point-of-sale, attached AM EAS labels are automatically deactivated for fast and accurate checkout — even in high-traffic, high-volume locations.

The antenna delivers high throughput deactivation regardless of label orientation to help improve front-end checkout efficiencies. This true integrated deactivation solution helps prevent sweethearting, scan avoidance and merchandise switching.

The antenna's design and geometry is unique to the Zebra MP7000 Multi-Plane Bi-Optic Scanner/Scale and must be retrofitted in the field. The antenna is located inside the scanner housing, eliminating the need for checkstand modifications and reducing overall installation costs.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly, customizable reports with actionable business-critical data.

Retailer Values

- // Accelerates checkout by simultaneously scanning and deactivating protected merchandise
- // Improves front-end efficiencies with high throughput deactivation regardless of label orientation
- // Helps prevent sweethearting, scan avoidance and merchandise switching by only deactivating scanned and purchased items
- // Reduces overall installation costs by eliminating checkstand modification
- // Enhances front-end productivity with built-in audible and visual indicators that show when active labels are detected and deactivated
- // Generates operational information to help quickly identify and correct performance issues associated with EAS connectivity

Product Codes

Bi-Planar Antenna for Zebra MP7000 Multi-Plane Bi-Optic Scanner/Scale

ZBAMB5470

AMB5470 L-Shape Single Coil Antenna, AMB9010-IPS Controller, Install Kit, Power Cord

Additional Antenna Options

Sensormatic deactivation antenna integrates around a compatible Zebra single plane vertical scanner housing.

ZBAMB5010

AMB5010 Vertical Antenna, AMB9010-IPS Controller, Install Kit, Power Cord

Product Compatibility

All Sensormatic AM EAS Labels
Wireless Device Manager
Wireless Module
Shrink Management as a Service (SMaaS)
Deactivation Remote Alarm Module

Electrical

Requires Universal Controller:
ZBAMB9010-IPS

CE This product is in conformity with
RoHS II Directive 2011/65/EU and REACH
Substances of Very High Concern as
defined in Regulation (EC) No 1907/2006
and subsequent amendments to both.



ZBAMB5010
AMB5010 Vertical Antenna



Mobile Handheld Deactivator

The Sensormatic Mobile Handheld Deactivator is designed to attach to Motorola’s MT2070 or DS6878 scanners for an all-in-one mobile scanner/ deactivation solution. After scanning merchandise, the deactivator emits a visual and an audible signal to confirm successful AM EAS label deactivation. When lit, the indicator light alerts cashiers that an active label is still in the deactivator’s range. This level of intelligence and control helps prevent sweethearting, scan avoidance and merchandise switching.

The mobility feature allows cashiers to scan and deactivate heavy, bulky merchandise in the shopping cart to help improve checkout throughput, reduce nuisance EAS alarms at the door, and minimize heavy-lifting related injuries. As a result, the deactivator contributes to greater flexibility and safety for store associates, as well as faster checkout and increased customer satisfaction.

The required Wireless Sync Access Point provides synchronization of the Mobile Handheld Deactivator with the EAS functionality of the detection pedestals to avoid interferences.

Retailer Values

- // Reduces nuisance EAS alarms at the door
- // Speeds throughput at the point-of-sale (POS) to help improve the customer experience
- // Frees up counter space; device does not need to be installed in/under POS counter
- // Scans heavy, bulky items right in the cart, helping prevent lifting related injuries
- // Color LEDs and audible alerts let associates know the device is working properly
- // Rugged design for reliable operation

Product Codes

Integration onto Motorola MT2070

- ZBAMB4410**
Deactivation Module
- ZBAMB4415**
Cradle Adapter for the MT2070 (required order)
- ZBAMB4310**
Wireless Sync Access Point (required order)

Integration onto Motorola DS6878

- ZBAMB4400**
Deactivation Module
- ZBAMB4420**
Module Adapter (required order)
- ZBAMB4425**
Cradle Adapter Required for DS6878 (required order)
- ZBAMB4310**
Wireless Sync Access Point (required order)

Product Compatibility

- All Sensormatic AM EAS Labels
- Motorola MT2070 Scanner (sold separately)
- Motorola DS6878 Scanner (sold separately)

Specifications

- ZBAMB4410 Deactivation Module with MT2070**
- Length**..... 13.33cm (5.25in)
- Width** 11.43cm (4.5in)
- Height** 20.32.cm (8.0in)
- Weight** (with battery) 0.88kg (1.93lbs)

Specifications (con't)

ZBAMB4400 Deactivation Module with DS6878

Length 13.34cm (5.25in)
Width 11.43cm (4.5in)
Height 18.90cm (7.44in)
Weight (with battery) 0.75kg (1.654lbs)

ZBAMB4310 Wireless Sync Access Point (Required order)

Length 13cm (5.5in)
Width 11.5cm (4.5in)
Depth 4.3cm (1.7in)
Weight 0.24kg (0.536lbs)

Electrical

AC Input
 100–240V @ 47-63Hz
 DC Input
 12Vdc @ 2.5A

Communications

Power On Indicator Blue LED
Display Scanner has LCD
Data Communication:
Wireless 802.15.4
Data Rate 250Kbps
Frequency Range 2.4GHz ISM band
 2405MHz–2480MHz
Output Power 5mW, +7dBm Max.
 (boost mode)
Spreading Technique
 Direct Sequence Spread
 Spectrum (DSSS)
EAS Synchronization
 Wireless EAS
 Sync-AP Transceiver

Declarations

EMC

47 CFR, Part 15
 ICES-003
 RSS-Gen
 RSS-210

Safety (second edition)

UL 60950-1
 CSA C22.2.60950-1
 EN 60950-1

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Base Charging Station
with Cradle Adapters



Wireless Sync Access Point



FreeStyle Handheld Deactivator

The Sensormatic FreeStyle Handheld Deactivator is a battery-operated deactivator and verifier for AM EAS labels. Combining three accessories into one, this device detects active labels up to 15cm (6in), deactivates them up to 7.6cm (3in) above the surface of the unit, and when in "Search Only Mode," it verifies source tagged labels on protected merchandise. While in this mode, the handheld will not deactivate an active label.

The mobility feature allows cashiers to deactivate labels on merchandise too heavy or bulky to life onto the point-of-sale counter. This feature can also be used to address incoming/outgoing alarms at the entrance to ensure a valid purchase, and eliminate customer wait time and embarrassment.

The FreeStyle Handheld Deactivator features integrated status indicators that provide visual and audible notifications when live labels are successfully detected and deactivated. This self-contained unit utilizes internal batteries that automatically recharge when placed in charging cradle. Security passcode and time out features help prevent unauthorized use.

Retailer Values

- // Portable device detects and deactivates active AM EAS labels anywhere in the store for enhanced customer service and employee productivity
- // Automatically recharges in charging cradle to ensure device is always ready for use
- // Built-in audible and visual indicators provide immediate feedback when labels are detected and deactivated, enhancing front-end productivity
- // Security passcode and time out features help prevent authorized use

Product Codes

ZBHHCW

Handheld Deactivator, Base Charging Station (Customer Install-US Only)

ZBHHCW-I

Handheld Deactivator, Base Charging Station (Sensormatic Installed)

ZEHHDW

Handheld Unit

ZEHHBCS

Base Charging Station

Product Compatibility

All Sensormatic AM EAS Labels

Specifications

Color Dark Gray

Length

Handheld 28cm (11in)

Docking Station 20cm (8in)

Width

Handheld 11.4cm (4.5in)

Docking Station 14cm (5.5in)

Height

Handheld 3.2cm (1.25in)

Docking Station 7.6cm (3.0in)

Weight 0.8kg (28oz)

Power Supply Weight 0.8kg (28oz)

Electrical

Base Charging Station

AC Power (N. America) 120Vac, 0.5A
(60Hz) Class 2

AC Power (Europe) 230Vac, 0.3A
(50Hz) LPS

Environmental Constraints

Operating Temperature

0°C to 40°C (32°F to 104°F)

Declarations

Deactivator and Charger

EMC

47 CFR, FCC Part 15

Subpart C

EN55022

ETS 300 330

ETS 300 683

RS 210

Safety (second edition)

Power Supply

Certified Class 2

EN60950 LPS

UL 1950

Handheld

EN60950

UL 1950

CSA C22.2 No. 950

Charger

UL 1950

EN60950

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Hand Stamp Deactivator

The Sensormatic Hand Stamp Deactivator conveniently deactivates AM EAS labels without removing merchandise from the shopping cart. This device is especially useful for deactivating heavy, bulky products that are difficult to lift onto the register — helping reduce nuisance alarms and prevent lifting-related injuries. The spring-loaded feature returns the stamp to its normal position after deactivation. The hand stamp includes a durable lanyard to fasten to the counter to prevent removal from the store environment.

Retailer Values

- // Conveniently deactivates labels without removing merchandise from the shopping cart to reduce nuisance alarms and improve employee productivity
- // Integrated lanyard fastens to the counter to prevent unauthorized use or removal from the store

Product Code ZK20-1

Product Compatibility

All Sensormatic AM EAS Labels

Specifications

Length 7.0cm (2.75in)

Width 3.6cm (1.4in)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



ZBSMP-PW
PowerPad Deactivator

PowerPad Deactivator

The Sensormatic PowerPad Deactivator offers superior deactivation reliability at impressive throughput speeds. The PowerPad deactivates active AM EAS labels up to 17.5cm (7in) above its surface at a throughput speed of up to 200cm/sec (80in/sec) — allowing deactivation of both source-tagged and retailer-tagged merchandise.

Designed to accommodate various checkstand configurations, the PowerPad can be installed on or below the counter, or at the counter's edge with brackets. The optional Remote Alarm Module can be mounted almost anywhere on the checkstand. The alarm module provides audible and visual confirmations when active labels are detected and deactivated. The locking key feature within the alarm module, prevents unauthorized use of the PowerPad when point-of-sale is unattended.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly customizable reports to provide business-critical data.

Retailer Values

- // Flexible installation options accommodate a variety of checkstand configurations
- // Fast deactivation accelerates check-out and alleviates unnecessary shopper delays
- // EAS connectivity option allows generation of operational information to help quickly identify and correct performance issues
- // Built-in audible and visual indicators provide immediate feedback when active labels are detected and deactivated, enhancing front end productivity

Product Codes

ZBSMP-PW

PowerPad Deactivator, AMB9010-IPS Controller, Remote Alarm Module, Power Cord

ZBAMB9010-IPS

Controller with Cord

ZBSMPPP

PowerPad Deactivator Only

ZBSTP-PP-B1

Flush Mount Tray

ZBSTP-PP-B2

Under-the-Counter Bracket

ZBSTP-PP-B3

Cantilever Mounting Bracket

ZBSTP-PP-B4

Flip Mount Bracket

Product Compatibility

- All Sensormatic AM EAS Labels
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Deactivation Remote Alarm Module

Specifications

- Length**..... 39.3cm (15.5in)
- Width** 17cm (6.7in)
- Height** 5.7cm (2.2in)
- Weight** 9.6kg (21lbs)
- Pad Cable Length**.....3m (10ft)

Electrical

Requires Universal Controller (ZBAMB9010-IPS)

Environmental Constraints

Operating Frequency

58 kHz

Operating Temperature

0°C to 40°C (32°F to 104°F)

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ZBSMP-SL
SlimPad Deactivator

SlimPad Deactivator

The Sensormatic SlimPad Deactivator offers reliable deactivation for checkstands with limited space. The SlimPad automatically deactivates active AM EAS labels up to 15cm (6in) above its surface at a throughput speed of up to 200cm/sec (80in/sec). Its narrow design allows installation on either side of the scanner to help maintain the proper flow of products: first over the scanner, then over the deactivator. The optional Remote Alarm Module can be mounted almost anywhere on the checkstand. The alarm module provides audible and visual confirmations when active labels are detected and deactivated. The locking key feature within the alarm module prevents unauthorized use of the SlimPad when point-of-sale is unattended.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly customizable reports to provide business-critical data.

Retailer Values

// Narrow design allows installation on either side of the scanner to maintain proper “scan-deactivation” product flow

// Fast deactivation accelerates check-out and alleviates unnecessary shopper delays

// EAS connectivity option allows generation of operational information to help quickly identify and correct performance issues

// Built-in audible and visual indicators provide immediate feedback when active labels are detected and deactivated, enhancing front-end productivity

Product Codes

ZBSMP-SL
SlimPad Deactivator, AMB9010-IPS Controller, Remote Alarm Module, Power Cord

ZESMPRO
Controller with Cord

ZBAMB9010-IPS
AMB9010-IPS Controller Only

ZBSMPSP
SlimPad Deactivator Only

ZPSTP-RA
Remote Alarm Module

ZPSL-B2
Under-the-Counter Mounting Bracket

ZPSL-B3

End-of-the-Counter Cantilever Bracket

Product Compatibility

All Sensormatic AM EAS Labels
Wireless Device Manager
Wireless Module
Shrink Management as a Service (SMaaS)
Deactivation Remote Alarm Module

Specifications

Length 35.7cm (14.0in)

Width 11.4cm (4.5in)

Height 7.0cm (2.8in)

Weight 6.5kg (14.3lbs)

Pad Cable Length 3m (10ft)

Electrical

Requires Universal Controller (ZBAMB9010-IPS)

Environmental Constraints

Operating Frequency

58 kHz

Operating Temperature

0°C to 40°C (32°F to 104°F)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



ZBSMP-CM
Tabletop System



ZBSMP-CM-F
Flush Mount System

CompactPad Deactivator

The Sensormatic CompactPad Deactivator provides convenient and simple deactivation for even the smallest checkstand areas. Designed in front-end applications where high-speed throughput is not a priority, this unit deactivates active AM EAS labels up to 15cm (6in) above the surface of the pad at a throughput speed of up to 152 cm/sec. (60in/sec). An LED light on the deactivator provides visual deactivation notification. Optional Remote Alarm Module provides visual and audible confirmations when active labels are detected and deactivated. The locking key feature within the remote alarm module prevents unauthorized use of the CompactPad when point-of-sale is unattended. The alarm module can be mounted almost anywhere on the checkstand.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly customizable reports to provide business-critical data.

Retailer Values

- // Designed for even the smallest checkstand areas to allow maximum use of counter space
- // Reliable deactivation for increased customer service and fewer nuisance alarms
- // EAS connectivity option allows generation of operational information to help quickly identify and correct performance issues
- // Built-in audible and visual indicators provide immediate feedback when active labels are detected and deactivated, enhancing front-end productivity

Product Codes

ZBSMP-CM

Tabletop System: CompactPad Pro, AMB9010-IPS Controller, Remote Alarm Module, Power Cord

ZBSMP-CM-F

Flush Mount System: CompactPad Pro, AMB9010-IPS Controller, Remote Alarm Module, Power Cord

Product Compatibility

- All Sensormatic AM EAS Labels
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Deactivation Remote Alarm Module

Specifications

Length

Tabletop	20.8cm (8.2in)
Flush Mount	24.2cm (9.5in)

Width

Tabletop	16.2cm
Flush Mount	19.1cm (7.5in)

Height

Tabletop	4.9cm (1.9in)
Flush Mount	4.9cm (1.9in)

Weight 3.1kg (6.9lbs)

Electrical

Requires Universal Controller (ZBAMB9010-IPS)

Environmental Constraints

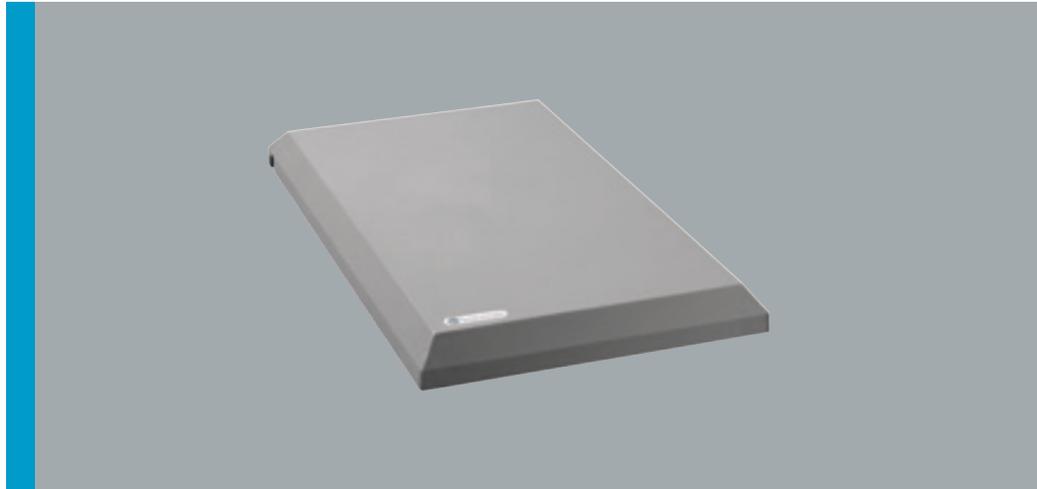
Operating Frequency

58 kHz

Operating Temperature

0°C to 40°C (32°F to 104°F)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Low Profile Pad Deactivator

The Sensormatic Low Profile Pad Deactivator features high-speed throughput for grocery, DIY and general merchandise retail stores. Accommodating a variety of checkstand configurations, this deactivator can be installed under the counter or conveyor. The unit deactivates AM EAS labels up to 20cm (8in) above the surface of the pad at a throughput speed of up to 254 cm/sec (100 in/sec). The optional Remote Alarm Module provides visual and audible confirmations when active labels are detected and deactivated. The locking key feature within the alarm module, prevents unauthorized use of the Low Profile Pad when point-of-sale is unattended. The alarm module can be mounted almost anywhere on the checkstand.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly customizable reports to provide business-critical data.

Retailer Values

- // Flexible installation options accommodate a variety of checkstand configurations in high throughput environments
- // Fast deactivation rates expedite checkout for increased customer service and efficiency
- // EAS connectivity option allows generation of operational information to help quickly identify and correct performance issues
- // Built-in audible and visual indicators provide immediate feedback when active labels are detected and deactivated, enhancing front-end productivity

Product Codes

ZBSMP-LW

Low Profile Pad Deactivator, AMB9010-IPS Controller, Remote Alarm Module, Power Cord

ZBSMPLPE

Low Profile Pad Deactivator

Product Compatibility

All Sensormatic AM EAS Labels
Wireless Device Manager
Wireless Module
Shrink Management as a Service (SMaaS)
Deactivation Remote Alarm Module

Specifications

Length 35.6cm (14in)
Width 22.9cm (9in)
Height 2.9cm (1.1in)
Weight 5.4kg (12lbs)
Pad Cable Length 3m (10ft)

Electrical

Requires Universal Controller (ZBAMB9010-IPS)

Environmental Constraints

Operating Frequency

58 kHz

Operating Temperature

0°C to 40°C (32°F to 104°F)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



ZBAMB2011T
Deactivator Antenna,
Countertop

ZBAMB2011F
Deactivator Antenna,
Flushmount

Value Pad Deactivator

The Sensormatic Value Pad Deactivator deactivates active AM EAS labels up to four inches above the surface of the pad for a reliable and virtually seamless process while expediting throughput at the point-of-sale (POS). This unit uses a two-step detect and deactivate process. The integrated status indicators provide visual and audible notifications when live labels are successfully detected and deactivated.

In addition, the deactivator acts as a double-checking device if an associate is ever uncertain whether the label was deactivated. The integrated keypad allows associates to control the volume and tone of the deactivator to distinguish it from other POS equipment. The keypad also initiates the "power-save" mode to help prevent theft by turning the unit off.

With a variety of installation options available – countertop, vertical and flush mount – the sleek design and small footprint maximizes POS counter space. The Value Pad operates off an ordinary electrical outlet and does not require a separate controller.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly customizable reports to provide business-critical data.

Retailer Values

- // Scan-enable functionality only deactivates labels with a valid barcode
- // Slim design allows maximum use of POS space
- // EAS connectivity option allows for generation of operational information to help quickly identify and correct performance
- // Built-in audible and visual indicators provide immediate feedback when active labels are detected and deactivated

Product Codes

ZBAMB2011T
Deactivator Antenna, Countertop
Mounting Hardware, Power Cord

ZBAMB2011F
Deactivator Antenna, Flushmount
Bracket, Power Cord

ZBAMB2011
Deactivator Antenna

5606-0079-01
Power Supply

ZBAMB1101
Deactivator Antenna (without keypad)

Product Compatibility

- All Sensormatic AM EAS Labels
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Deactivation Remote Alarm Module

Specifications

- Length** 21cm (8.3in)
- Width** 16cm (6.3in)
- Height** 4cm (1.6in)
- Weight** 0.95kg (2.1lbs)
- Power Cord Length** 170cm (5.5ft)
- Power Supply Weight** 0.28kg (0.6lbs)

Electrical

Deactivator

Input Voltage 18Vdc, 1.7A

Separate Power Supply

Input Voltage 100–240Vac, 50/60Hz
AC Line Current 1Arms (max.)

Output Voltage 18Vdc,
1.7A Listed Class 2

Certified Limited Power Source

Environmental Constraints

Operating Temperature

0°C to 35°C (32°F to 95°F)

Enclosure

0 to 90%, non-condensing

Declarations

EMC

47 CFR Part 15

RSS 210

EN 300330

EN 301489

Safety (second edition)

UL 60950-1

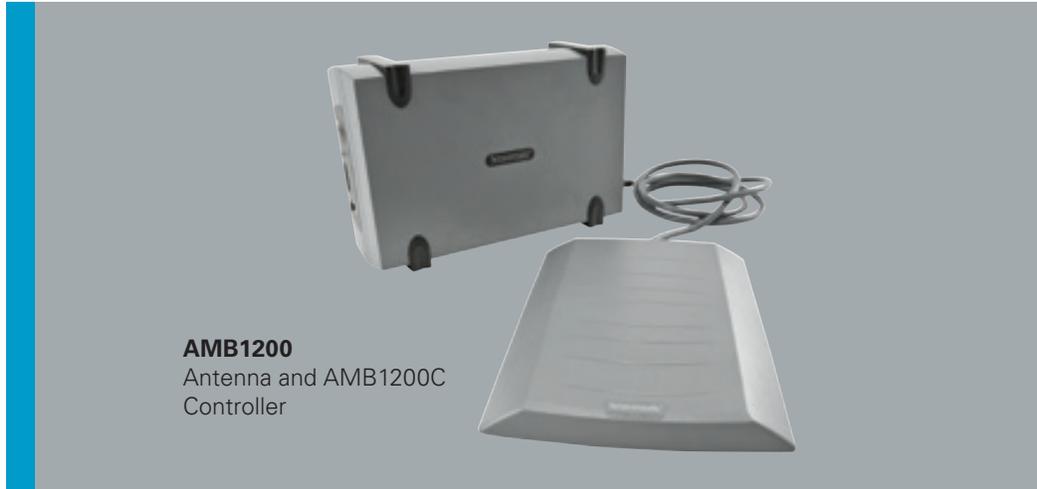
CSA C22.2.60950-1

EN 60950-1

EMF

EN 50364

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



AMB1200
Antenna and AMB1200C
Controller

Essentials Deactivator

The ultra-thin Sensormatic Essentials Deactivator features a large pad target area to help provide reliable performance in a single pass. Regardless of label orientation, this unit deactivates active AM EAS labels up to 10cm (4in) above the surface of the pad and detects labels 15.2cm (6in) above its surface for consistent and effective operation. The pad features integrated status indicators that provide visual and audible notifications when live labels are successfully detected and deactivated.

The AMB1200AM model is designed specifically for metal countertop installation. This model offers a seamless installation without cutting into the point-of-sale (POS) counter in an effort to maintain store aesthetics. The AMB1200 model is installed on top of the counter. The Essentials Controller powers either deactivator. For flexible installation options, the controller is attached to a flat surface and can be positioned vertically or horizontally.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly customizable reports to provide business-critical data.

Retailer Values

- // Deactivates protected merchandise in a single pass, regardless of label orientation, to accelerate check-out and alleviate unnecessary shopper delays
- // Built-in audible and visual indicators provide immediate feedback when active labels are detected and deactivated
- // EAS connectivity option allows for generation of operational information to help quickly identify and correct performance issues

Product Codes

ZBAMB1200
AMB1200 Antenna (for countertop),
AMB1200C Controller

ZBAMB1200A
AMB1200 Deactivation Pad
(for countertop)

ZBAMB1200M
AMB1200AM Antenna
(for metal countertop),
AMB1200C Controller

ZBAMB1200AM
AMB1200AM Deactivation Pad
(for metal countertop)

ZBAMB1200C
Essentials Controller

Product Compatibility

- All Sensormatic AM EAS Labels
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Deactivation Remote Alarm Module

Specifications

Length

- ZBAMB1200 31cm (12in)
- ZBAMB1200AM 30.2cm (11.9in)

Width

- ZBAMB1200 18cm (7in)
- ZBAMB1200AM 19.8cm (7.8in)

Height

- ZBAMB1200 1.17cm (0.5in)
- ZBAMB1200AM 2.01cm (0.79in)

Weight

- ZBAMB1200 0.85kg (1.9lbs)
- ZBAMB1200AM 2.62kg (5.78lbs)

Electrical

Requires Essential Controller

Declarations

EMC

47 CFR, Part 15

RSS 210

EN 300 330

EN 301 489

Safety (second edition)

UL 60950-1

CSA-C22.2.60950-1

EN 60950-1

Environmental rating

IP20

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Space-Saver Deactivator

The Sensormatic Essentials Space-Saver Deactivator is designed for convenient, simple deactivation in even the smallest checkstand areas. The antenna simply attaches around a single-plane vertical point-of-sale (POS) scanner to preserve precious counter space. The compact antenna conveniently deactivates AM EAS labels up to 12.7cm (5in) away from its surface, allowing cashiers to scan and deactivate protected merchandise in one simple motion. The optional Remote Alarm Module can be mounted almost anywhere on the checkstand to provide visual and audible confirmation when active labels are detected and deactivated. The locking key feature prevents unauthorized use of the deactivator when the POS is unattended.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly customizable reports to provide business-critical data.

Retailer Values

- // Compact design and easy installation allows maximum use of checkout space
- // Single motion to scan and deactivate merchandise, improves throughput and productivity
- // Reliable deactivation for increased customer service and fewer nuisance alarms

Product Codes

ZBAMB1200T

AMB1220A Coil Antenna, Essentials Controller, Power Cord

Product Compatibility

- All Sensormatic AM EAS Labels
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Deactivation Remote Alarm Module

Specifications

Depth	9.45cm (3.72in)
Width	20.3cm (7.98in)
Height	19.8cm (7.79in)
Weight	48kg (1.05lbs)
Coil Cable Length	1.83m (6ft)

Environmental Constraints

Operating Temperature

0°C to 40°C (32°F to 104°F)

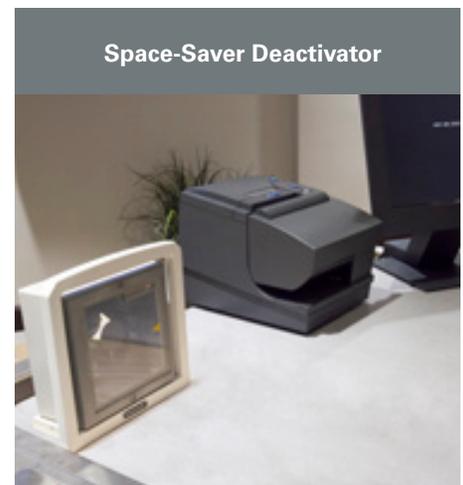
Non-Operating Temperature

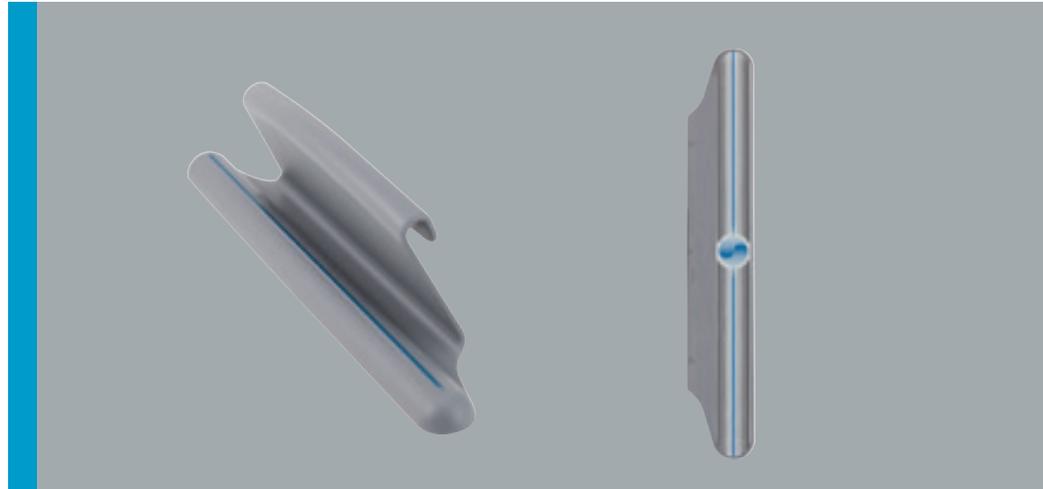
-40°C to 70°C (-40°F to 158°F)

Humidity

0 to 90%, non-condensing

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.





Hand Wand Activator

The Sensormatic Hand Wand Activator reactivates AM EAS labels so returned merchandise can be securely placed back on the sales floor. By sliding the wand lengthwise over the deactivated label, the label is reactivated and the returned product is ready to be remerchandised. The device is especially useful for large and/or bulky items.

Retailer Values

- // Quickly reactivates AM EAS labels on returned merchandise to ensure theft protection when put back on the sales floor
- // Not multimedia safe
- // Portable device is ideal for reactivating labels on heavy and/or bulky merchandise

Product Code

ZKWACT

Product Compatibility

All Sensormatic AM EAS Labels

Specifications

Width 19.7cm (7.75in)
Height 5.72cm (2.25in)
Depth 3.2cm (1.25in)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



MKAMK-1000
SuperTag Detacher Countertop Mount



MKAMK-1010
SuperTag Detacher Flush Mount

SuperTag Detacher

The Sensormatic SuperTag Detacher removes SuperTag hard tags from protected merchandise at the point-of-sale for quick and efficient operation while enhancing throughput. Operating off an ordinary electrical outlet, the detacher is offered as a countertop or flush-mount install to allow maximum use of checkout space. Integrated with a unique programmable keypad, this unit can be customized to help prevent unauthorized use.

When connected to a compatible EAS data management device, real-time deactivation counts can be generated into user-friendly customizable reports to provide business-critical data.

Retailer Values

- // Quickly and efficiently removes all SuperTags to accelerate checkout and alleviate unnecessary shopper delays
- // Compact design and flexible installation options allow maximum use of checkout space
- // EAS connectivity option allows for generation of operational information to help quickly identify and correct performance issues
- // Unique programmable keypad prevent unauthorized use when check stand is unattended

Product Codes

MKAMK1000DT
Countertop Mount Detacher with Power Supply and Power Cord

MKAMK1010FM
Flush Mount Detacher with Power Supply and Power

MKAMK-1000
SuperTag Detacher Countertop Mount

MKAMK-1010
SuperTag Detacher Flush Mount

Product Compatibility

- SuperTag Portfolio
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)

Specifications

Length

- Countertop..... 15cm (5.9in)
- Flush Mount 22cm (8.7in)

Width

- Countertop..... 10.2cm (4in)
- Flush Mount 18cm (7.1in)

Depth

- Countertop..... 6.3cm (2.5in)
- Flush Mount 6.3cm (2.5in)

Weight

- Countertop..... 1.015g (2.2lbs)
- Flush Mount 1.12kg (2.5lbs)

Electrical

- Detacher Input.... 24 Vdc/2,0A (2.0A) max.
- Power Supply Input (based on Sensormatic part # 5606-0083-01) 100-240 Vac (50/60Hz)/1,8A (1.8A)
- Power Supply Output... 24 Vdc/2,0A (2.0A)

Environmental Constraints

Operating Temperature

0°C to 40°C (32°F to 104°F) Ambient

Enclosure

0 to 90%, non-condensing

Storage Temperature

-40°C to 70°C (-40°F to 158°F)

Evaluated for altitudes less than 3200m
(10,500ft)

Declarations

EMC

47 CFR Part 15

EN55022

EN55024

EN61000-3-2

EN61000-3-3

ICES 003

EN55014-1

EN55014-2

Safety (second edition)

UL 60950-1

CSA C22.2.60950-1

EN 60950-1

CE This product is in conformity with
RoHS II Directive 2011/65/EU and REACH
Substances of Very High Concern as
defined in Regulation (EC) No 1907/2006
and subsequent amendments to both.



IDKM-1000DT
Desktop Detacher



IDKM-1010FM
Flush Mount Detacher

AM/RFID SuperTag Detacher

The Sensormatic AM/RFID SuperTag Detacher combines performance with real-time visibility into inventory and assets to help improve operations, optimize profitability and create memorable shopper experiences. Fitted with an ultra-high frequency (UHF) RFID antenna, this detacher solution supports the AM SuperTag portfolio and RFID-enabled dual-technology tags, preparing for transition to RFID solutions in the future.

When connected to the Sensormatic IDX Multipurpose RFID reader, the RFID item-level data stored in dual-technology hard tags is read when the tag is detached. Through proper integration with the point-of-sale (POS) via the reader, this item-level data can be seamlessly captured, analyzed and acted upon. For instance, one function requires the tag's RFID information to match the scanned merchandise barcode prior to completing the transaction and releasing the tag. This level of intelligence helps greatly reduce sweethearting, scan avoidance and merchandise switching.

A detacher and RFID reader work together to send item-level and AM detach data to TrueVUE™ management

software. This information drives reporting and dashboards to support decision making in near real-time. Reporting data points include item detail, inventory by location, detacher counts and more.

Retailer Values

- // Access item-level data from AM/RFID hard tags to ensure inventory accuracy and improve replenishment time
- // Combats theft techniques such as scan avoidance, merchandise switching and sweethearting when connected to an IDX Multipurpose RFID Reader
- // Removes all SuperTags quickly and easily to accelerate check-out and improve the customer experience
- // Works with a connected RFID reader to send item-level and detach data to TrueVUE management software for near real-time reporting and analysis
- // Increases detaching security with password-protected lock and reset
- // Provides ergonomic flexibility with desktop and flush mount options
- // Gives feedback for correct operation via LEDs and the insertion switch

Product Codes

IDKM-1000DT

AM/RFID Desktop Detacher with Power Supply and Power Cord

IDKM-1010FM

AM/RFID Flush Mount Detacher with Power Supply and Power Cord

IDKM-1000

AM/RFID Desktop Detacher Only

IDKM-1010

AM/RFID Flush Mount Detacher Only

Product Compatibility

SuperTag AM, AM/RFID Portfolio

TrueVUE IDX-2000 2-Port Multipurpose RFID Reader

TrueVUE IDX-8000 8-Port Multipurpose RFID Reader

TrueVUE Software

EPC Gen2 standard RFID Tags

Wireless Device Manager

Wireless Module

Shrink Management as a Service (SMaaS)

Specifications

Desk Mount

Length 15.0cm (5.9in)
 Width..... 10.2cm (4.0in)
 Height..... 6.3cm (2.5in)
 Weight..... 1.035kg (2.31lbs)

Flush Mount

Length 22.0cm (8.7in)
 Width..... 18.0cm (7.1in)
 Height..... 6.3cm (2.5in)
 Weight..... 1.140kg (2.35lbs)

Electrical

Detacher Input..... 24 Vdc / 2.5A max.
 Power Consumption 48W max.

Recommended Power Supply
 Sensormatic part #5606-0083-01)

Power Input 100-240 Vac (50/60Hz)
 1.8A max.

Power Output 24 Vdc / 2.0A

RF Characteristics

Detacher is fitted with embedded wideband RFID antenna. Requires external RFID Reader to operate.

Detacher Antenna Gain.....-13.0dBil

Can be used with readers operating in NA (902–928MHz) or EU (865–868MHz) frequencies (or subsets).

Choice of reader and settings limit operation to match country specific RF requirements.

Negative gain of antenna limits detacher output to less than 100mW, even when reader is set to 2W (33dBm).

Environmental Constraints

Temperature Range

Operating 0°C to +40° C (32°F to +104°F)

Storage 0°C to +70° C (32°F to +158° F)

Evaluated for altitudes less than 3200m (10,500ft)

Humidity

0 to 90%, non-condensing

Regulatory

Declarations

EMC
 47 CFR Part 15
 EN55022
 EN55024
 EN61000-3-2
 EN61000-3-3
 ICES 003
 EN55014-1
 EN55014-2

Safety (second edition)

UL 60950-1
 CSA C22.2.60950-1
 EN 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in regulation (EC) No 1907/2006 and subsequent amendments to both.





SuperTag Manual Handheld Detacher

The Sensormatic SuperTag Manual Handheld Detacher is ergonomically designed to comfortably and easily remove SuperTags at the point-of-sale. At only 0.36kg (12.77oz), this detacher provides a lightweight and portable detacher solution. It features a symmetrical handle/trigger design that accommodates both left- and right-handed users and includes a top-mounted tag “nest” that allows easy operation with either hand. Associates simply insert any SuperTag into the nest beneath the thumbnail tab, press the tag down flush in the nest, then squeeze the trigger to release the tack.

The tough, molded construction makes it rugged and user-friendly — without sacrificing durability. For added security, this detacher has an internal EAS element to alarm detection systems if an attempt is made to remove it from the retail environment.

Retailer Values

- // Ambidextrous design allows for quick and easy operation with either hand
- // Rugged construction helps ensure reliable operation in spite of everyday drops and bumps
- // No electric power or batteries needed for operation in any environment
- // Integrated lanyard helps prevent unauthorized use and prevents removal from the store

Product Code

MK225-1

Product Compatibility

SuperTag Portfolio

Specifications

Length	19.56cm (7.7in)
Width	7.43cm (2.9in)
Depth	10.86cm (4.2in)
Weight	0.36kg (12.7oz)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Ultra-Gator Detacher

The Sensormatic Ultra-Gator Detacher easily removes Ultra-Gator hard tags at the point-of-sale (POS) for quick and efficient operation while enhancing checkout productivity. Operating off an ordinary electrical outlet, the detacher is offered as a countertop or flush-mount install to allow maximum use of checkout space. Equipped with a key lock to prevent unauthorized use, the detacher also features an internal EAS element that alarms detection systems if an attempt is made to remove it from the store.

Retailer Values

- // Quickly and easily removes all Ultra-Gator hard tags to accelerate checkout and alleviate unnecessary shopper delays
- // Compact design and flexible installation options allow maximum use of checkout space
- // Security lock prevents unauthorized use when checkstand is unattended
- // Internal EAS element alarms the detection system if attempt is made to remove from the store

Product Codes

MK91-XP
Power Detacher, Beige

MK91B-XP
Power Detacher, Black

Product Compatibility

Ultra-Gator Portfolio

Specifications

ColorMK91-XP: Beige
MK91B-XP: Black

Length..... 19cm (7.5in)

Width 10.15cm (4in)

Height 11.4cm (4.5in)

Weight 2.05kg (4.5lbs)

Electrical

Detacher Input.....24Vac (50/60Hz),
1.0A max.

Requires NEC Class 2, Certified Limited,
Power Source, Power supply
Input 100–240Vac @ 50-60Hz
Output24Vac 50/60Hz, 1.0A min

NEC Class 2
Certified Limited Power Source

Environmental Constraints

Operating Temperature
0°C to 40°C (32°F to 104°F) Ambient

Relative Humidity
IPX0

Enclosure
0 to 90%, non-condensing

Storage Temperature
–40°C to 70°C (–40°F to 158°F)

Highest Sound Pressure Level
83dB(A)

Declarations

EMC

47 CFR, Part 15
EN 55014
EN 61000-3-2+R19
EN 61000-3-3

Safety (second edition)

UL 60950-1
CSA C22.2.60950-1
EN 60950-1
IEC 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Ultra-Gator Manual Handheld Detacher

The Sensormatic Ultra-Gator Manual Handheld Detacher is designed for comfort and easy tag removal at the point-of-sale (POS). At only 0.41kg (14.4oz), this device provides a lightweight, portable detacher solution that is an excellent backup to the Ultra-Gator Detacher. The tough, molded construction makes it rugged and user-friendly — without sacrificing durability. The optional AM EAS label deactivator attaches to the top of the detacher for a combined deactivation and detaching solution. The integrated cable attaches the detacher to the POS to prevent removal from the register. For additional security, this detacher features an internal EAS element to alarm detection systems if an attempt is made to remove it from the store.

Retailer Values

- // Lightweight and portable to comfortably and easily remove Ultra Gator-Tags at the point-of-sale
- // Rugged construction helps ensure reliable operation in spite of everyday drops and bumps
- // No electric power or batteries needed for operation in any environment
- // Integrated lanyard helps prevent unauthorized use and prevents removal from the store

Product Codes

MK751

Ultra-Gator Manual Hand Detacher

MKD751ZA

Ultra-Gator Manual Hand Detacher with Label Deactivator

Product Compatibility

Ultra-Gator Tag Portfolio

Specifications

Length

Detacher with Boot Deactivator (Boot Deactivator only) ... 69.80mm (2.7in)

Width

Detacher with Boot Deactivator (Boot Deactivator only) 30.10mm (1.2in)

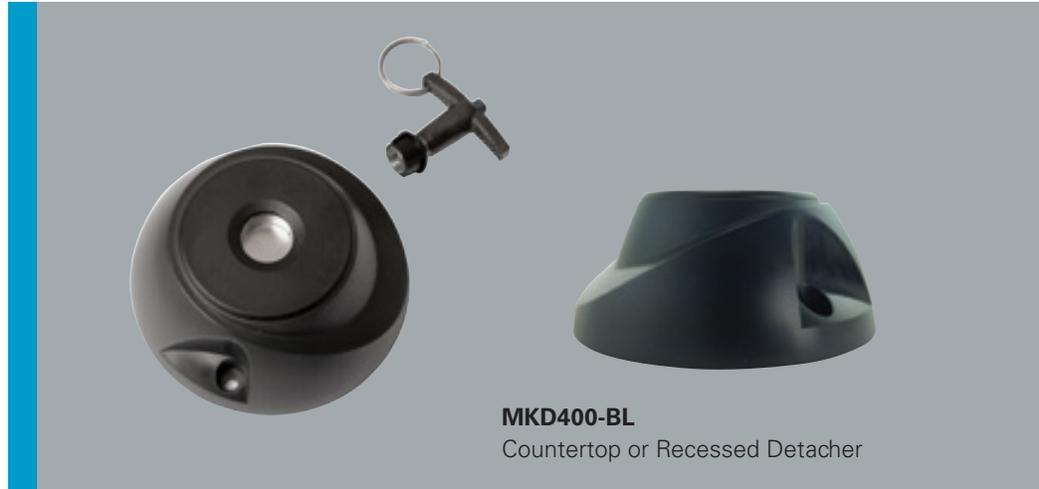
Height

Hand Detacher..... 18cm (7in)

Detacher with Boot Deactivator (Boot Deactivator only) .. 21.40mm (0.84in)

Weight 0.41kg (0.90lbs)

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



MKD400-BL
Countertop or Recessed Detacher

Magnetic 9kG Detachers

Designed for quick and efficient removal of magnetic 9kG security tags from merchandise at the point-of-sale (POS), this high-strength detaching platform provides security for a full line of products. These detachers are easy to use and can be secured directly to, or recessed into, the POS countertop to maximize space while maintaining high standards of security.

The mobility feature of the coiled cable handheld detacher (MKDAMK4100-CBL) allows cashiers to remove magnetic 9kG security tags from heavy, bulky merchandise in the shopping cart and at the POS counter. It attaches to the countertop via the integrated coiled cable and features a locking key to prevent unauthorized use. For added security, the detacher has an internal EAS element that will alarm detection systems if attempt is made to remove it from the store.

The countertop detacher (MKD400-BL) maximizes space at the POS and expedites throughput with one-handed detaching of magnetic 9kG hard tags. It fastens directly on, or recesses into, any POS countertop to prevent removal from the store and features a locking key to prevent unauthorized use.

The optional Retrofit Kit (MKDAMK421) combines superior unlocking magnetic

strength with the detaching capabilities of the flush mount industry-standard SuperTag Power Detacher for a total detaching solution. This solution eliminates the need for multiple detaching devices at the POS in a SuperTag and magnetic 9kG hard tag environment.

Retailer Values

- // One-handed detaching accelerates checkout and alleviates unnecessary shopper delays
- // Extendable coiled cable allows cashiers to detach hard tags on merchandise unable to be placed on the counter
- // Compact design and flexible installation options allow maximum use of POS space
- // Security lock prevents unauthorized use when POS is unattended
- // Seamlessly combines high magnetic detaching strength with SuperTag power detaching to eliminate the need for multiple detaching devices at the POS
- // Internal EAS element within the coiled cable detacher alarms the detection system if attempt is made to remove from the store

Product Codes

MKD400-BL
Countertop or Recessed Detacher

MKDAMK4100-CBL
Coiled Cable Handheld Detacher

MKDAMK4100-CL
Coiled Cable Replacement Kit

MKDAMK4210-BL
Retrofit flush mount Kit (not a standalone, must attach to the SuperTag flush mount power detacher)

MKDAMK4300-BL
Retrofit Countertop Mount (not a standalone, must attach to the SuperTag Countertop power detacher)

Product Compatibility

Sensormatic 9kG Magnetic Strength Hard Tags

Magnetic Alarming 2-Tone Tag

Magnetic Mini Alarming 2 and 3-Tone Lanyard Tags

Specifications

MKD400-BL
Countertop or Recessed Detacher
Base Diameter 102mm (4.016in)
Height 44mm (1.73in)
Weight 0.35kg (0.77lbs)

Specifications (con't)

MKDAMK4100-CBL

Coiled Cable Handheld Detacher

Height 73mm (2.9in)

Diameter 86mm (3.4in)

Weight 0.60k (1.32lbs)

Maximum coiled cable range .. 1.8m (6ft)



Coiled Cable Handheld Detacher

MKDAMK4210-BL

Retrofit Flush Mount Kit

Length..... 287mm (11.3in)

Width 164mm (6.5in)

Depth 45mm (1.8in)

Weight 0.38kg (13.4oz)



Retrofit Flush Mount Kit

MKDAMK4300-BL

Retrofit Countertop Mount Kit

Length..... 287mm (11.3in)

Width 45mm (1.8in)

Depth 164mm (6.5in)

Weight 0.39kg (.86lbs)



Retrofit Countertop Mount Kit

Environmental Constraints

Operating Temperature

0°C to 40°C (32°F to 104°F)

Enclosure

Retrofit Kit 0 to 90%,
non-condensing

Coiled Cable Detacher 30% to 95%,
non-condensing

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Magnetic 9kG Detacher



Magnetic 5 and 9kG Detacher

The Sensormatic Magnetic 5 and 9kG Detacher supports the Sensormatic magnetic portfolio and most standard magnetic hard tags for increased sensor compatibility. The detacher's small profile allows for one-handed detaching to expedite throughput. Attached to the base with an integrated cable, the detacher can be positioned two ways within the base – detacher side up or down. When facing up, the detacher will remove magnetic sensors from protected merchandise. When facing down, the device can be locked to protect against unauthorized use. In either orientation, the detacher can be locked so it cannot be removed from the base.

Retailer Values

- // One-handed detaching accelerates checkout and alleviates unnecessary shopper delays
- // Compact design and flexible installation options allow maximum use of point-of-sale (POS) space
- // Security lock prevents unauthorized use to reduce theft when check stand is unattended

Product Code

MKD600

Specifications

- Length**.....100mm (3.39in)
- Width** 75mm (2.95in)
- Depth**47mm (1.82in)
- Weight** 0.41kg (0.90lbs)
- Lock Magnetic Strength**..... 5kG and 9kG

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Magnetic 5kG Detacher

This easy-to-use, small-profile detacher supports the Sensormatic magnetic 5kG hard tag portfolio, expediting throughput with one-handed detaching. The detacher can be secured directly to or recessed into any point-of-sale (POS) countertop to maximize counter space. The detacher features a T-bar type lock to prevent unauthorized use and reduce theft when POS is unattended.

Retailer Values

- // One-handed detaching accelerates checkout and alleviates unnecessary shopper delays
- // Compact design and flexible installation options allow maximum use of POS space
- // Security lock prevents unauthorized use to reduce theft when POS is unattended

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

Product Codes

MKD31-BL

5kG Magnetic Detacher with Lock

MKD31-B

5kG Magnetic Detacher without Lock

MKDLOCK

T-Bar Lock

Product Compatibility

Sensormatic 5kG Magnetic Strength
Hard Tags

Specifications

- Height** 41.9mm (1.65in)
- Base Diameter** 80.0mm (3.15in)
- Weight** 0.18kg (0.40lbs)
- Lock Magnetic Strength** 5kG



Universal Deactivation Controller

The Sensormatic Universal Deactivation Controller provides the power to efficiently operate compatible EAS deactivation antennas within the store environment, deactivating active AM EAS anti-theft security labels at 2.5 active labels per second. Regardless of label orientation, this controller offers fast, accurate checkout service even in high-traffic, high-volume retail locations to help drive revenue while enhancing shopper throughput. Providing the power to drive two deactivation antennas, this controller allows each to independently detect and deactivate AM EAS security labels. Additionally, this controller complies with international safety requirements to ensure global safety and quality standards are met.

Retailer Values

- // Fast deactivation rates expedite checkout for increased customer satisfaction and employee efficiency
- // Compact design and internal power supply allow flexible installation options including vertical, surface, and under-counter for maximum use of space

- // EAS connectivity option allows generation of operational information to help quickly identify and correct performance issues
- // Status LED lights show "power on," communication activity, and basic diagnostics to help reduce service calls
- // Cable management helps prevent accidental unplugging and unintended increases in "nuisance" alarms

Product Code ZBAMB9010-IPS

Product Compatibility

- Sensormatic Integrated Label Deactivators
- Sensormatic Countertop/Recessed Deactivators

ZPSTP-RA Remote Alarm Module

Specifications

- Width** 26.2cm (10.3in)
- Height** 10.1cm (4in)
- Depth** 22.1cm (8.7in)
- Weight** 2.5kg (5.5lbs)
- Power Cord Length** 18.3m (6ft)

Electrical

Primary Input

100-120/200-240Vac 50/60Hz (±5%)

AC Line Current

1Arms max.

Scanner Port

Maximum Input Voltage..... +25Vdc (±5%)

Input 1+ and Input 2+

Input Voltage..... ±5-12Vdc typical greater than 12V observing the 32mA maximum

Input Current 10mA Source Minimum

Minimum Pulse Duration 100ms

Detect Out..... Open-Collector Side of an opto-isolator

Maximum Pull-Up Voltage..... +25Vdc

This output remains in the open state until label detection occurs. It then shorts to the Detect Common for a minimum of 39ms based on label vicinity to the antenna plus 7 detection windows (5.555 x 7 = 39mS).

Detect common..... Emitter side of the Detect Out opto-isolator. It normally should be tied to D Ground (J8, Pin 6).

Maximum current limit: 6.3mA @ Vce < 10V 2mA @ Vce < 0.4V

Environmental Constraints

Operating Frequency

58kHz (+200Hz)

Operating Temperature

0°C to 40°C (32°F to 104°F)

Non-Operating Temperature

-40°C to 70°C (-40°F to 158°F)

Relative Humidity

0 to 90%, non-condensing

Declarations

EMC

47 CFR, Part 15

EN300 330-2

EN301 489

EN 55022

EN 55024

ICES-003

RSS-210

Safety (second edition)

UL 60950-1

CSA C22.2.60950-1

EN 60950-1

Environmental Rating

IPX0

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Essentials Deactivation Controller

The compact Sensormatic Essentials Deactivation Controller offers fast, accurate checkout service to drive revenue and increase shopper throughput. This device powers Essentials deactivation antennas to effectively deactivate active AM EAS labels, regardless of orientation. Its small footprint allows vertical or horizontal installation to meet individual retailers' needs.

Retailer Values

- // Reliable deactivation, regardless of label orientation, for fewer nuisance alarms and a better customer experience
- // Compact design allows flexible installation options to fit virtually any retailer's needs

Product Code

ZBAMB1200C

Product Compatibility

Essentials Deactivators
Deactivation Remote Alarm Module

Specifications

Length..... 29.4cm (11.6in)
Width 18.7cm (7.4in)
Height 8.15cm (3.2in)
Weight 1.43kg (3.15lbs)
Power Cord Length..... Approx. 1.8–2.5m (6–8.2ft)

Electrical

Voltage Input
100–240Vac (±10%)
50/60Hz (±5%)
AC Line Current
1.5Arms max.

Environmental Constraints

Operating Temperature
0°C to 40°C (32°F to 104°F)
Non-Operating Temperature
–40°C to 70°C (–40°F to 158°F)
Relative Humidity
0 to 90%, non-condensing

Declarations

EMC
47 CFR, Part 15
RSS 210
EN 300 330
EN 301 489
Safety (second edition)
UL 60950-1
CSA-C22.2.60950-1
EN 60950-1

Environmental Rating

IP20

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.



Shrink Management as a Service

Proactive. Predictive. Preventative.

Shrink Management as a Service (SMaaS) is a cloud-based offering designed to help enhance productivity, increase reliability and boost performance for a more effective Loss Prevention program.

This innovative service provides device management, along with predictive analytics to help reduce shrink, improve sales, and optimize staffing. SMaaS helps reduce shrink while addressing underlying root causes with better equipment uptime and actionable insights. All connected devices are proactively monitored by dedicated remote diagnostic specialists to ensure systems are on-line and functioning properly.

With its easy-to-navigate dashboards, SMaaS helps make sense of the data for early identification of problems and better decision making where it counts.

Whether the objective is to minimize shrink, increase conversion rates, optimize inventory, drive employee productivity or enhance overall store performance, SMaaS provides the tools to be more effective.

Retailer Values

- Helps ensure reliability and optimal system performance with 24/7/365 remote monitoring and management of connected EAS equipment health statuses
- Proactively correct equipment issues with notification of service required to rectify problems
- Gain insights to help make effective data-driven decisions that may positively impact shrink and bottom line results
- Receive email notifications when activity exceeds a predetermined threshold to know when an exception has occurred

- Minimize downtime to help retailers spend less time managing the estate
- Features highly scalable cloud infrastructure and EAS event reporting

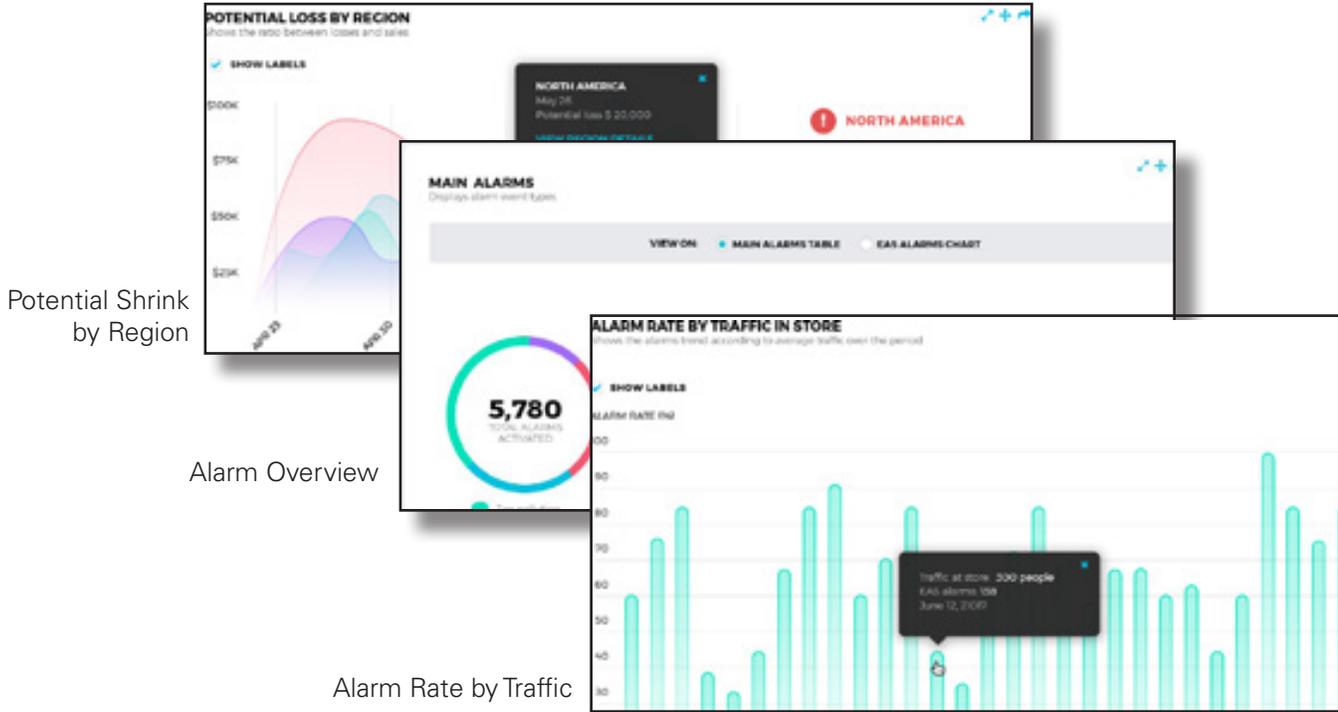
A compatible Sensormatic hardware device is required to connect and collect the EAS data, these options are:

- Wireless Device Manager
- Wireless Module
- Local Device Manager II (LDMII)
- UltraLink
- Sensormatic Synergy Network Card

Please reference individual product sheets for detailed information.

Dashboard Examples

User-friendly dashboards can be viewed by district, region and enterprise-wide to isolate information needed. Below are a few sample dashboards.



Shrink Management as a Service (SMaaS)

Proactive EAS Remote Services: provides monitoring of connected EAS devices	
Product Codes	Service
SM-RDC-BIC	Monthly Proactive Remote Monitoring for Brickstream devices (per device)
SM-RDC-AMG	Monthly Proactive Remote Monitoring for Alert Metal Guard devices (per device)
SM-RDC-PC	Monthly Proactive Remote Monitoring for standalone Dual Beam/Irysis devices (per device)
SM-RDC-EXIT	Monthly Proactive Remote Service, EXIT Systems (per power pack)
SM-RDC-POS	Monthly Proactive Remote Service, POS Device (per device, deactivator/detacher)
SM-RDC-EXIT-W	Monthly Proactive Remote Service, EXIT Systems (per power pack)

Shoplifting Insights: provides reporting on EAS events

Product Code	Service
SM-REP-S	Monthly Reporting Access (per store: includes alerts, threshold settings, dashboards, notifications)



Integrated EAS Traffic Counter

The Integrated EAS Traffic Counter integrates into the lens of compatible EAS pedestals to provide accurate customer traffic information. This sensor's dual beam-break detects shopper presence by tracking interruptions in horizontal infrared beams between pedestals; keeping separate counts for inbound and outbound shoppers. Armed with this valuable data, investments can be directed outside to boost traffic or inside to maximize conversion and average sales. The information provided by the traffic counter gives unparalleled visibility into business intelligence that can be used to streamline processes and improve profitability, such as optimizing critical shopper-to-associate staffing ratios and measuring the impact promotions have on traffic and conversion. This device does not replace or interfere with existing EAS detection systems and is not affected by common environmental interference like shadows or moving masses of warm or cold air near entrances.

Retailer Values

- // Provides data comparing people counting information to sales transaction data to determine conversion rates and effectiveness of marketing campaigns
- // Helps optimize staffing based on customer traffic
- // Provides visibility to directionality of potential shoplifting events
- // Helps to deliver accurate alarm management

Product Code

ZPUE-PCNTR2

People Counting Sensor

ZPUE-PC2-PCBKIT

Ultra•Exit Hardware Kit

ZPUP-PC2-CBLKIT

Ultra•Post Hardware Kit

Product Compatibility

- Ultra•Exit Pedestals
- Ultra•Post Pedestals
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Digital Remote Alarm
- Metal-Foil Detection

Declarations

EMC

- 47 CFR, Part 15
- EN 55022
- EN 55024
- ICES-0033

Safety

- UL 60950-1 (second edition)
- CSA C22.2.60950-1
- EN 60950-1

Certified as part of the Ultra•Exit and Ultra•Post antenna series

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in Regulation (EC) No 1907/2006 and subsequent amendments to both.

Ultra•Post Pedestal





Digital Remote Alarm

The Digital Remote Alarm facilitates response to alarm events at the store front, extending the benefits of Sensormatic’s Enhanced Detection suite. This aesthetically pleasing, feature-rich device enhances existing Ultra•Exit or Ultra•Post detection systems by allowing retailers to customize alerts for alarm events.

The remote alarm can be used to extend the detection system’s internal audible alarm by playing a tone or standard voice message. It also features the option to record personalized messages so retailers can inform customers and/or staff on how to respond to EAS alarms and avoid customer embarrassment.

The easy-to-see visual alarm counter logs the number of alarm events, identifying increases or decreases that may indicate staff training issues or increased shoplifting activity. Unique alarm patterns are available to differentiate events including “Tags-too-Close” and Jammer Detection.

The easy-to-use, optional remote control adjusts the Digital Remote Alarm’s functions from a distance while remaining as discreet as possible. The remote is passcode-protected and will disable in two minutes if no key is pressed.

The Digital Remote Alarm provides easy management of in-store EAS programs when connected to compatible data management device.

Retailer Values

- // The high-volume audible alarm makes it easier for store personnel to hear over ambient noise
- // Traffic-counting option helps identify shopping peaks, gauge marketing effectiveness and more
- // Unique alarm sequence for the “Tags-too-Close” feature aids in merchandising products near store entrance/exits
- // Jammer Device indicator includes visual and audible feedback for quicker response and more effective event management
- // Remote alarm housing can be custom painted to fit any store decor
- // The alarm displays counts from 0–999 and features a larger LED display for better visibility in low-light conditions

Product Code

- ZP1060-W:** Digital Remote Alarm, White
- ZP1060-G:** Digital Remote Alarm, Gray
- ZP1060-BRKT:** J-Box Mounting Bracket (attaches digital remote alarm to a J-Box mounted in or on a wall)

ZP1060-T: AC Adapter (plugs into wall outlet when power from controller is not available)

ZP1060-RCTF: Infrared Remote Control (allows user to control remote alarm from a distance)

Product Compatibility

- AMS9060 Controller
- AMS9050 Controller
- Wireless Device Manager
- Wireless Module
- Shrink Management as a Service (SMaaS)
- Integrated Traffic Counting
- Tags-too-Close
- Jammer Detection
- Metal-Foil Detection

Specifications

- Length**..... 202mm (8in)
- Width** 148mm (5.8in)
- Height** 52.7mm (2in)
- Weight**
- Digital Remote Alarm 0.64kg (1.40lbs)
- J-Box Mounting Bracket 0.09kg (0.2lbs)
- AC Adapter..... 0.03kg (0.06lbs)
- Infrared Remote Control...0.07kg (0.15lbs)

Electrical

DC Input 12-15Vdc, 1A
 Limited power source required
 Contact Switching Current (max)..... 1.0A
 Contact Switching Voltage (max) 28V

AC Adapter

AC Input..... 100-250Vac @ 50/60Hz
 DC Output 12V, 1A min.
 UL Listed Class 2
 Certified Limited Power Source

Alarm

Visual Alarm

Tag Detect Alarm Rep Rate 3Hz
 Jammer Detect Alarm Rep Rate..... 6Hz
 Tags-too-Close Alarm Pattern 2 Blinks/
 Pause

Audible Alarm

Maximum Alarm Volume
 (measured at 1m) 105dB
 Tone Alarm Duration (max) 15 sec
 Voice Message Duration (max)..... 17 sec
 Voice Message File Type..... WAV
 Voice Message Sampling Rate 14kHz
 Voice Message Bits 8 or 16
 Voice Message Type Mono

Environmental Constraints

Operating Temperature

0°C to 50°C (32°F to 122°F)

Non-Operating Temperature

-40°C to 70°C (-40°F to 158°F)

Relative Humidity

0 to 90% non-condensing

Enclosure

IPX0

Evaluated for altitudes less than
 3200m (10500ft)

Declarations

EMC

47 CFR, Part 15
 ICES-003
 EN 61000-6-1
 EN 61000-6-3
 EN 61000-3-2
 EN 61000-3-3

Safety (second edition)

UL 60950-1
 CSA-C22.2.60950-1
 EN 60950-1

CE This product is in conformity with
 RoHS II Directive 2011/65/EU and REACH
 Substances of Very High Concern as
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Advertising Upgrade Kit

The optional Advertising Upgrade Kit is designed to display poster inserts on compatible Sensormatic pedestals. By leveraging valuable real estate at the store entrance for advertisements, modern designs or simple low-cost printed graphics, this easy-to-install kit offers a flexible medium to reach a great number of potential customers on-the-move. It can also be used to generate additional marketing co-op profit by bidding out this valuable advertising space to vendors.

Retailer Values

- // Reach a large number of shoppers on-the-move where most purchasing decisions are made
- // Generate additional marketing co-op profit by bidding out advertising space to vendors
- // Change out poster inserts easily with slide-release clamps

Consumer Awareness: Although this anti-theft system complies with all applicable safety standards, poster inserts must be designed to avoid creating any delay in the movement of customers through the system. Medical implant wearers are instructed by their physicians not to linger near, or lean on, anti-theft pedestals. Graphic inserts should not encourage them to linger or lean.

Product Code

Note: One kit supports one antenna

Sensormatic Synergy Series Pedestals Frame Format

(This format not available for Synergy RFID Retrofit Panel)

ZPS-ADV1175/1180-CG (Cool Gray)
Advertising Kit for Synergy 2.0 and 2.5 ABS Pedestals

ZPS-ADV1175/1180-CH (Charcoal)
Advertising Kit for Synergy 2.0 and 2.5 ABS Pedestals

ZPS-ADV1170-CG (Cool Gray)
Advertising Kit for Synergy Self-Contained Pedestal

ZPS-ADV1170-CH (Charcoal)
Advertising Kit for Synergy Self-Contained Pedestal

Clear Clamp Format

ZPS-AD1180-CL
Advertising Kit for Sensormatic Synergy 2.0 and 2.5 ABS Pedestals

ZPS-AD1170-CL
Advertising Kit for Sensormatic Synergy Self-Contained Pedestal

ZPS-ADRFID-CL
Advertising Kit for Sensormatic Synergy RFID Retrofit Panel

Ultra•Post Pedestal

ZPUP-PSTPANEL
Advertising Kit for Ultra•Post Pedestals

Product Compatibility

- Sensormatic Synergy 2.0 ABS Pedestal
- Sensormatic Synergy 2.5 ABS Pedestal
- Sensormatic Synergy Self-Contained Pedestal
- Sensormatic Synergy RFID Retrofit Panel (compatible with Clear Clamp Format only)
- Ultra•Post Self-Contained Pedestal

Specifications

Frame Format

Frame format includes: frame, back plate, front plate and viewable graphic

ZPS-ADV1175/1180-CG and ZPS-ADV1175/1180-CH

Weight4.61kg (10.16lbs)

ZPS-ADV1170-CG/1170-CH

Weight3.02kg (6.66lbs)

Clear Clamp Format

ZPS-AD1180-CL

Weight0.82kg (1.8lbs)

ZPS-AD1170-CL

Weight0.41kg (0.9lbs)

ZPS-ADRFID-CL

Weight1.04kg (2.3lbs)

Ultra•Post Pedestal

ZPUP-PSTPANEL

Weight.....2.60kg (5.75lbs)



Wireless Device Manager

Enabling Wireless Connectivity of EAS Devices

The Wireless Device Manager seamlessly aggregates data and provides synchronization of Sensormatic EAS devices. It aggregates, stores and securely transmits critical data — such as EAS alarm events, device health statuses, jammer detects and people counts — over any TCP/IP network at scheduled intervals. This data is then delivered to a variety of reporting platforms, including Sensormatic Shrink Management as a Service (SMaaS). This provides the retailer with new analytics and visibility into EAS equipment health status for a more proactive loss prevention program.

In addition, each Wireless Device Manager manages up to 64 devices (32 wireless and 32 wired) within a single retail environment. The Wireless Module connects Sensormatic EAS devices to the Wireless Device Manager. The Wireless Device Manager collects and stores data locally for up to 30 days for optimal data use.

To optimize EAS performance, the Wireless Device Manager synchronizes connected EAS deactivation and detection devices to help the retailer minimize failed deactivation at the point-of-sale, and reduce false alarms at the exit.

The Wireless Device Manager can be configured with the optional wall-mounted Android tablet. This convenient device allows authorized store employees to enter a reason for actual alarm events and capture customer receipt data for false alarms. This helps quickly identify equipment issues, assess source tagging compliance and improve store operations.

Retailer Values

- Connects Sensormatic EAS devices through a star network via wireless secure propriety protocols
- Provides synchronization of EAS deactivation and detection devices to reduce failed deactivation at point-of-sale (POS) and minimizes nuisance alarms at the exit for an improved shopper experience
- Enables remote device management and monitoring of connected Sensormatic EAS devices to help retailers ensure equipment is running effectively

Product Code

- BIM1000:** Wireless Device Manager
- BIX1000:** Wireless Module
- BIX1000EA:** Wireless Module with Extended Antenna
- 0352-0779-01:** Desktop Power Adapter

Optional Android Tablet

- SS-T380HHC-01:** Android Tablet (8in)
- VD-T380-MNT01:** Wall Mount Kit

Product Compatibility

- AMS9060 Controller
- Ultra•Post Self-Contained Pedestal
- Essentials 1.8m Acrylic Pedestal
- Ultra 1.8m ABS Pedestal
- Universal Deactivation Controller
- Essentials Deactivation Controller
- SuperTag Detacher
- AM/RFID SuperTag Detacher
- Sensormatic Shrink Management as a Service (SMaaS)

Specifications

Wireless Device Manager (BIM1000)

Length	13.95cm (5.49in)
Width	11.47cm (4.51in)
Height	6.21cm (2.44in)
Weight	419g (14.78oz)

Specifications (con't)

Wireless Module (BIX1000)

Length5.86cm (2.3in)
 Width..... 4.67cm (1.8in)
 Height.....2.49cm (0.98in)
 Weight32.66g (1.15oz)

Electrical

Power Supply

Primary input.....5V – 24VDC input
 Sync and RS485 via RJ45
 8 pin header with
 LEDs for RS485

WiFi Technology

Client.....IEEE 802.11 b/g/n
 Wireless Device Mgr.....IEEE 802.15.4
 Data Delivery.....XML, FTP

Regulatory

Radio

Frequency of operation

Frequency band.....2400-2483.5 MHz
 Maximum power.....10 mW in the EU
 100 mW in the NA

Environmental

Operating Temperature

0° to 50°C (32° to 122°F)

Relative Humidity

0 to 90%, non-condensing

Enclosure Rating

UL94 V-O

Evaluated for altitudes less than
 2,000 meters (6,561.68 feet)

Declarations

EMC

47 CFR, Part 15
 EN 300 328
 EN 301 489-1
 EN 301 489-3
 EN 301 489-17
 RSS 210

Safety

UL 60950-1
 EN 60950-1
 CSA C22.2.60950-1

CE This product is in conformity with
 RoHS II Directive 2011/65/EU and REACH
 Substances of Very High Concern as
 defined in Regulation (EC) No 1907/2006
 and subsequent amendments to both.





Outdoor Enclosure

This enclosure is designed to protect the required electronic components for compatible AM EAS detection systems in virtually any outdoor retail environment. Welded hardware creates a weather-tight aluminum housing that holds a thermostat control to manage internal temperatures. The thermostat prevents condensation from forming on installed equipment and ensures evenly-distributed interior air temperature.

Retailer Values

- // Weather-tight construction allows EAS detection in any retail outdoor environment
- // Thermostat control manages internal temperatures to prevent condensation that can damage the system's electronic components

Product Code ZPUODPP-ENC

Product Compatibility

- AMS9040 Controller
- AMS9050 Controller
- AMS9060 Controller

Specifications

- Width** 61cm (24in)
- Height** 168cm (66in)
- Depth** 33cm (13in)
- Weight** 33.5kg (74lbs)

Electrical

DC Input

- Primary Input 120Vac, 50/60Hz or
230Vac, 50/60Hz
- Input Current 15A max.

Environmental Constraints

Operating Temperature

-30°C to 50°C (-22°F to 122°F)

Relative Humidity

0 to 100% condensing

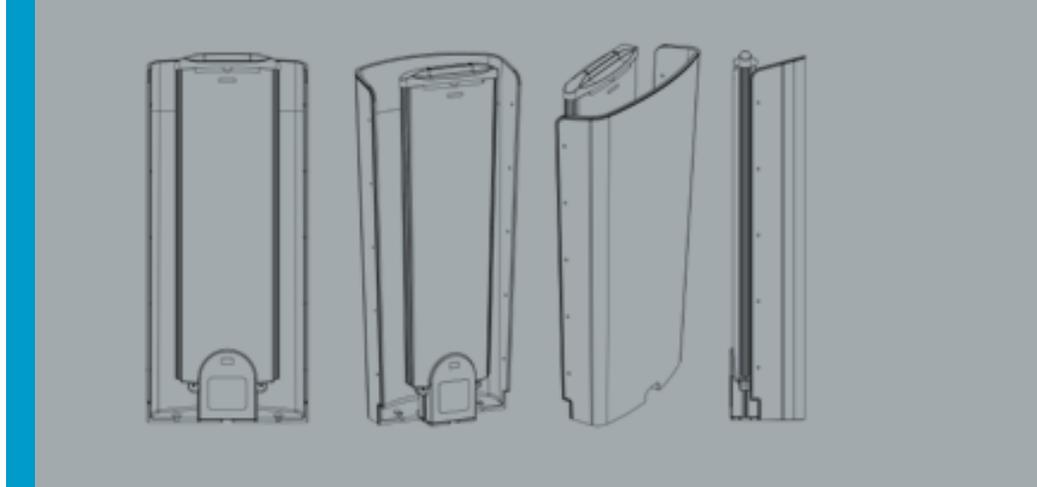
Declarations

Regulatory ID

UM HB2A Outdoor Enclosure

Regulatory Compliance

Safety UL1950
Can/CSA C22.2 No. 950-95
NEMA 3R/IP43



Ultra•Post Shield

The Ultra•Post Shield minimizes the detection field behind the Sensormatic Ultra•Post pedestal. The shield is installed behind the primary or secondary pedestal to allow store associates to better manage merchandising of tagged goods at the front of the store.

Retailer Values

- // Reduces detection field behind the Ultra•Post pedestal
- // Enables store associates to better manage merchandising of tagged goods at the front of the store

Product Code

ZPUSHLD

Product Compatibility

Ultra•Post Self-Contained Pedestal

Specifications

Width Base	61cm (24in)
Height	142cm (56in)
Depth Base	21cm (8.5in)
Weight	24.9kg (55lbs)



Deactivation Remote Alarm Module

The Deactivation Remote Alarm Module provides visual and audible notifications when an AM EAS label is successfully deactivated. This device can be mounted almost anywhere on the check stand and features a key switch for turning the compatible deactivator on or off. The ZPSTP-RA1 model provides “on” or “standby” status only, while the ZPSTP-RA model provides audio and visual detection, deactivation and status.

Retailer Values

- // Provides visual and/or audible notification of successful AM EAS label deactivation
- // Features a key switch for turning the compatible deactivator on or off

Product Code

ZPSTP-RA1

Remote Alarm Kit (4-pin connector)

ZPSTP-RA

Remote Alarm Kit (6-pin connector)

Product Compatibility

- Integrated Deactivators
- Value Pad
- Universal Deactivation Controller
- Essentials Controller
- Low Profile Pad Deactivator
- Compact Pad Deactivator
- SlimPad Deactivator
- PowerPad Deactivator



Grooved Tacks

Secure compatible hard tags to soft goods of various thickness for a strong, tamper-resistant fit.



Product Compatibility

Deactivatable SuperTag VST-R
Non-Deactivatable SuperTag VST-R

Product Codes

M70-H: Metal Tack

Specifications

Tack Length..... 14.5mm (0.57in)



Product Compatibility

Ultra-Gator Tag
Verstie
Lanyard for Ultra-Gator Tag

Product Codes

MJ25-2P: Beige Tack

Specifications

Tack Length..... 14mm (0.54in)



Product Compatibility

Magnetic 9kG Tack Tag

Product Codes

MJ400-G: Gray Tack
MJ400-B: Black Tack

Specifications

Tack Length..... 15mm (0.60in)

 <p>Product Compatibility MVST-R Tag</p>	<p>Product Codes MJ7400: New Gray Tack MJ7400R: Re-circulated Gray Tack</p>	<p>Specifications Tack Length..... 17.1mm (0.67in)</p>
 <p>Product Compatibility Magnetic 5kG Tack Tag</p>	<p>Product Codes MJAMT3200-G: Gray Tack MJAMT3200-S: Steel Tack MJAMT3200-B: Black Tack</p>	<p>Specifications MJAMT3200-G Tack Length..... 17.9mm (0.70in) MJAMT3200-S Tack Length..... 17.9mm (0.70in) MJAMT3200-B Tack Length..... 17.9mm (0.70in)</p>
 <p>Product Compatibility Magnetic 5kG Tack Tag Ultra-Gator Tag</p>	<p>Product Codes MJ31L-W: Long White Tack</p>	<p>Specifications Tack Length..... 19mm (0.74in)</p>
 <p>Product Compatibility SuperTag Portfolio Ultra-Gator Portfolio Magnetic 9kG Tack Tag</p>	<p>Product Codes Tack Only MJVT-2: Beige MJVT-3B: Beige MJVT-4B: Beige Clip Only MXVC-1: Metal</p>	<p>Specifications Tacks: MJVT-2 Tack Length..... 12.3mm (0.48in) MJVT-3B Tack Length..... 12.3mm (0.48in) MJVT-4B Tack Length..... 12.3mm (0.48in) Clip: MXVC-1 0.30 x 0.20 x 2.4mm (1.18 x 0.79 x 1in)</p>



Smooth Tacks

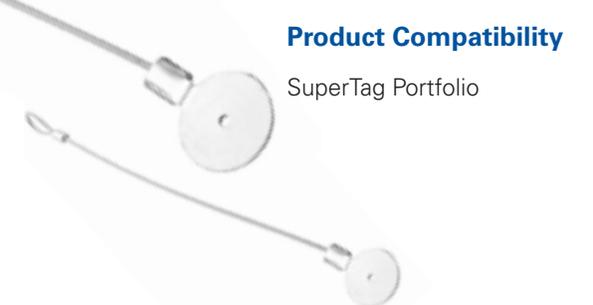
Unique, ultra-thin tack design minimizes risk of damage to delicate fabrics.

 <p>Product Compatibility Magnetic 5KG Tack Tag MVST-R Tag</p>	<p>Product Codes MJLT-1 (CE only): White Tack</p>	<p>Specifications Tack Length.....13mm (0.51in)</p>
 <p>Product Compatibility Magnetic Delicate Tag</p>	<p>Product Codes MJ3220-G: Gray Tack MJ3220-B: Black Tack</p>	<p>Specifications Tack Length.....0.318mm (0.012in)</p>
 <p>Product Compatibility Magnetic Saucer Ink Tag</p>	<p>Product Codes MJ6015: Metal Tack</p>	<p>Specifications Tack Length.....12.7mm (0.5in)</p>



Lanyards

A flexible and secure way to attach compatible hard tags to a variety of merchandise, including hard-to-tag product categories.

 <p>Product Compatibility Magnetic 5kG Tack Tag</p>	<p>Product Codes MXETL: Loop on one end and unique eye on other end</p>	<p>Specifications Length .....21cm (8.26in)</p>
 <p>Product Compatibility Ultra-Gator Tag Portfolio</p>	<p>Product Codes MXGL: Loops on both ends</p>	<p>Specifications Length .....19cm (7.5in)</p>
 <p>Product Compatibility SuperTag Portfolio</p>	<p>Product Codes MXSTL: Stainless-steel cable with loop on one end and eye on other end</p>	<p>Specifications Length .....21cm (8.26in)</p>



Versatie

Adjustable, reusable plastic strap attaches compatible hard tags to a variety of merchandise.

Product Compatibility

SuperTag Portfolio
Ultra-Gator Portfolio
Magnetic 9kG Tack Tag

Product Codes

MXVT15: Gray

Specifications

Length 15.5cm (6.1in)





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About Sensormatic Solutions

Sensormatic Solutions is a global leader in enabling smart and connected shopper engagement. By combining critical insights into retail inventory, shopper traffic and loss prevention, **Sensormatic Solutions** powers operational excellence at scale and helps create unique shopping experiences. Our solutions deliver real-time visibility and predictive analytics for accurate decision-making across the enterprise, enabling retailers to confidently move into the future. With more than 1.5 million data collection devices in the retail marketplace, we capture 40 billion shopper visits and track and protect billions of items each year. Our retail portfolio features the premier **Sensormatic®**, **ShopperTrak®** and **TrueVUE™** brands. Please visit SensormaticSolutions.com, or follow us on LinkedIn, Twitter, and our YouTube channel.

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