

Sensormatic 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.**

