



8.4m Concealed Floor System

Not approved for sale in the EU

Invisible Sensormatic anti-theft protection for virtually any retail environment.

The discrete AM EAS 8.4m Concealed Floor System offers up to 8.4m (27.5ft) of merchandise protection with a detection height of up to 1.2m (4ft). The system emits an audible alert to notify store associates if protected merchandise passes through the detection zone. For existing retail environments, the AMS3030's thin, flat antenna is a perfect solution. Installation simply requires thin floor cuts in concrete where the antenna cabling is placed. Once secured, flooring material (ex. tile or marble — not carpet) is then applied over the antenna. The AMS3031 is intended for pre-construction installation. Its setup protects detection antennas against possible interference when metal or rebar is discovered below the subfloor. The antennas, routed through conduit, are placed on shielded tiles to eliminate possible metal interference for consistent system reliability. Both install options deliver EAS detection for wide exits or open

architecture requirements.

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.

This system provides in-store EAS and Traffic Intelligence when connected to a compatible data management device to better manage store operations.

Retailer Values

- // Delivers superior shoplifting protection for wider exits to maximize customer flow and optimize merchandising floor space
- // AMS3030 antenna install eliminates costly, large scale excavations for minimal impact on store operations
- // For pre-construction installs, the AMS3031 helps protect detection antennas against possible interference when metal or rebar are discovered for consistent system performance
- // Provides an invisible, yet effective, AM EAS solution where pedestal systems are unwanted or prohibited
- // “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
- // When connected to a compatible data management device, this system provides in-store EAS and Traffic Intelligence to better manage store operations

Product Compatibility

- Sensormatic AM Sensor
- Ultra•Exit Pedestals
- Ultra•Post Self-Contained Pedestals
- Pro-Max
- Ranger Receivers
- Satellite Receivers
- Amorphous Core Receiver
- Stereo Overhead Traffic Sensor
- Mono Overhead Traffic Sensor
- Local Device Manager II (LDM II)
- UltraLink
- Digital Remote Alarm

Power Supply

Primary Input

100-120VAC, 200-240VAC
50-60Hz

Primary Power Fuse

5A slo-blow

Current Draw

5.0A@120VAC
3.1A@230VAC

Input Power

440W@120VAC with 2 or 4 ants.
440W@230VAC with 2 or 4 ants.

Electrical

Transmitter

Operating Frequency 50-60Hz
Transmit Burst Duration..... 1.6ms
Transmit Current8-16Ao-p

Burst Repetition Rate

..... 90Hz (1 or 2 ants.)
..... 45Hz (3 or 4 ants.)
..... 45Hz (1 floor ant. and 2 pedestals)
..... 45Hz (2 floor ants. and 2 pedestals)

Receiver

Center Frequency58kHz±200Hz
Floor Antenna (Tx/Rx) Cable ..4-conductor,
shielded, burial-rated
Cap Board Tx/Rx Cable 13m (40ft),
4-conductor, shielded, plenum-rated
Cap Board Comm Cable 13m (40ft),
9-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

This product is ONLY approved for use at elevations up to 3,200m (10,500ft).

Declarations

EMC

47 CFR Part 15
RSS 210

Safety (second edition)

IEC 60950-1

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.

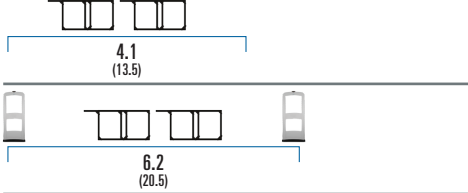
Configurations

Measurements - meters (feet)

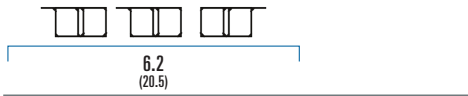
Single



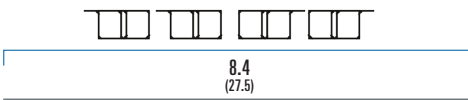
Dual



Split



Quad



Product Codes	Single Antenna 2.1m (7ft)	Dual Antennas 4.2m (14ft)	Split Antennas 6.4m (21ft)	Quad Antennas 8.5m (28ft)	AMS9040 Controller	Surface Mount (Float on Floor Kit)	Digital Remote Alarm	Shielding Tray and Tiles
ZA3030-1	●				●		●	
ZA3030-2		●			●		●	
ZA3030-3			●		●		●	
ZA3030-4				●	●		●	
ZPLOOP-SM						●		
ZA3031-1	●				●		●	
ZA3031-2		●			●		●	
ZA3031-3			●		●		●	
ZA3031-4				●	●		●	
ZP3031-SHIELD								●

