



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
- Local Device Manager II (LDM II)
- UltraLink

Specifications

AMS3004-A

Cap-board Enclosure

- Length210mm (8.25in)
- Width271mm (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

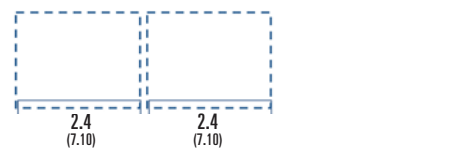
(please see Install Guide for additional options)

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					●



SYSTEM