



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

Synergy Pedestals
 Door-Max
 Synergy Network Card
 Sensormatic AM Sensors
 UltraExit 2.4 Acrylic Pedestal
 Pro-Max
 Ranger Antennas
 Satellite Antennas
 Local Device Manager II (LDM II)
 UltraLink
 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.