



## Sensormatic® Ultra•Exit AMS Detection Systems

Tyco Fire & Safety is proud to announce a variety of new Sensormatic® Ultra•Exit AMS detection systems, providing the retailer up to 2m/6 feet 6 inches of coverage between pedestals.

Each detection system offers one of the highest levels of Ultra•Max® technology theft deterrent available today, while preserving store aesthetics and maximizing customer flow.

A choice of designs ensures the right detection system for all retail environments, from a high-end boutique to the busy DIY environment.

### Benefits:

- **Highest performance Ultra•Max® deterrent.** Ultra•Exit AMS-1102 (Solid Acrylic) and AMS-1090 (Plastic) offer the one of the highest levels of Ultra•Max® detection. Each system is compatible with all Sensormatic hard tags and labels.
- **System design to match a variety of retail requirements.** From the high aesthetic acrylic antenna to the high impact plastic antenna, there is an antenna design to match the requirements of all retailers.
- **Advanced electronic and software design.** The Ultra•Max® 9050 Controller platform provides advanced Digital Signal Processing (DSP), connectivity to allow remote service, software controlled system configuration and drives up to four transceivers pedestals.
- **SmartEAS® options** include people counting sensors that can be integrated into the pedestal alarm lens.

## Product Compatibility

The detection systems are powered by the Ultra•Max® 9050 Controller, which represents the most advanced Ultra•Max® platform ever produced. Leading edge DSP and new antenna topology ensures continuous superior performance, even under the most hostile electronic noise conditions.

## Options

There are a variety of pedestal options which will meet every retailer's needs. For more information on these options, please contact your sales representative.

- Alarm Counter (Base Counter)
- Side Impact Bumpers (AMS-1090 **ONLY**)
- Traffic Flow Counter (People Counting Sensors)
- Digital Remote Alarm

## Regulatory Compliance

EMC..... 47 CFR, Part 15  
 ETSI EN 300 330  
 ETSI EN 301 489  
 RSS 310  
 Safety..... UL 60950-1  
 CSA C22.2 No 60950-1  
 EN 60950-1



## Technical Specifications

### Transmitter

Operating Frequency..... 58kHz  
 (±200Hz)  
 Transmit Burst Duration ..... 1.6ms  
 Max. Transmit Current ..... 16A peak  
 Burst Repetition Rate  
 Based on 50Hz ac ..... 75Hz or 37.5Hz  
 Based on 60Hz ..... ac 90Hz or 45Hz

### Receiver

Center Frequency ..... 58kHz  
 Receive Coil Resistance ..... 1.6 ohms  
 (±5%)

### Alarm

Audio level ..... 97dBA

### Environmental

Ambient Temperature ..... 0°C to 50°C  
 (32°F to 122°F)  
 Relative Humidity ..... 0 to 90%  
 Non-condensing

### Mechanical

#### AMS-1102

Height ..... 61in (155cm)  
 Width ..... 19.4in (49.2cm)  
 Thickness (with base covers)..... 4.9in (12.5cm)  
 Weight (with base covers) ..... 56.7lbs (25.7kg)

#### AMS-1090

Height ..... 61in (155cm)  
 Width ..... 20 in (50.9cm)  
 Thickness (with base covers)..... 4.9in (12.5cm)  
 Weight (with base covers) ..... 21.3 lbs (9.7kg)