

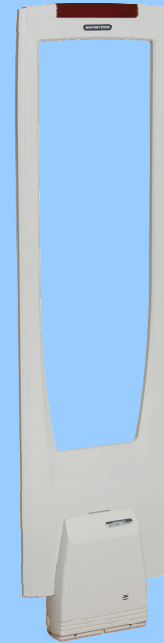


## AMS-1140 Detection System

Controlling shoplifting while continuing to provide an enjoyable shopping experience is a daily challenge all retailers face. As organized retail expands into new markets, Sensormatic Retail Solutions is addressing the need for a basic Electronic Article Surveillance (EAS) product suite for the value conscious retailer. Without sacrificing the integrity for which the Sensormatic brand has been renowned worldwide for over 40 years, we designed the Sensormatic® Essentials platform with the fundamental EAS components necessary for retailers introducing anti-theft technology into their store environment.

Equipped with essential detection elements this dual transceiver system covers 1.8m (6ft) between pedestals. The sleek modern design blends seamlessly into all retail formats while providing a strong visual deterrent. Constructed from ABS, the pedestals offer long lasting durability.

Audio and visual alarms are integrated into the primary pedestal to notify store personnel of theft attempts. A piezo alarm incorporated into the base provides the audible alarm; an LED light located on top of the primary antenna provides the visual notification.



## Benefits

**Ultra•Max® theft detection.** This system offers Ultra•Max® detection and is compatible with all Sensormatic® hard tags and dual resonator (DR) labels.

**High sensitivity with false alarm resistance.** The AMS-1140 features advanced detection technology making it highly sensitive, while providing resistance to outside noise and interference resulting in fewer false alarms.

**EAS protection that blends with retail store designs.** The modern design and open framed architecture ensures the pedestals will blend into a variety of store openings.

**Strong visual deterrent.** Anti-theft pedestals discourage would-be shoplifters.

**Easy installation.** The AMS-1140 is a self-contained pedestal with integrated power supply allows for easy, cost effective installation.

**Energy efficient.** The system utilizes less than 50W of energy; resulting in lower energy costs while maintaining green initiatives.

## Product Specifications

### Electrical

#### Power Supply

Primary Input: .... 100-120Vac or 200-240Vac @ 50-60Hz

Primary power fuse: .. One 2A, 250V, slo-blo, hi-breaking  
5mmx20mm fuse

Current draw: ..... less than 0.5Arms @ 120Vac

Input power:..... less than 44W

#### Transmitter

Operating frequency:.....58kHz (+200Hz)

Transmit Burst Duration..... 1.6ms

Transmit Current (in Tx coil).....42A peak

Transmit Current (in Interconnect cable).....17A peak

Burst Repetition Rate:

Based on 50Hz ac..... 37.5Hz

Based on 60Hz ac..... 45Hz

Antenna Coil Resistance .....25 ohms (±5%)

#### Receiver

Center Frequency.....58kHz

#### Alarm

Audio level..... 83dBA

### Environmental

Relative Humidity: ..... 0 to 90% non-condensing

Enclosure .....IPx0

### Mechanical

Height..... 137.1cm (54in)

Width..... 35.8cm (14.1in)

Depth (base).....8.6cm (3.38in)

## Declarations

### Regulatory Compliance



EMC ..... 47 CFR, Part 15  
EN 300 330  
EN 301 489  
RSS 210

Safety ..... UL 60950-1  
CSA C22.2.60950-1  
EN 60950-1

### Product Codes

**ZA1140-D** – Dual system

### Additional Information

For more information, please visit us at

[www.Sensormatic.com](http://www.Sensormatic.com).

