

Sensormatic® Digital Floor-Max® II

Ultra•Max® Concealed Detection System



Description

The Sensormatic Digital Floor-Max System Model AMS-2001 provides the ultimate open architecture solution for retailers who value both performance and fully concealed EAS protection.

The system's detection antenna is designed for installation below the surface of the floor and out of view. The antenna can be installed in most floor types including concrete, wood, and others. The antenna is outdoor rated.

The Digital Floor-Max System is an especially popular anti-shoplifting system for mall stores and others where aesthetics and performance are primary requirements.

Features

- **Performance.** A single detector antenna can cover exits up to 2.1 m (7') wide. Up to two transceiver antennas can be installed using one Digital 216 Controller.
- **Elevated floor.** The system is suitable for both ground-level and elevated installations. Elevated installations require the Floor-Max shield.
- **Remote alarm unit.** A remote alarm unit provides both visual and audible alarms.
- **Status indicator.** A plate mounted near the system contains LEDs that allow customers to review the status of the system and provides an RS232 connection for service personnel to communicate with the system safely.

Specifications

Power Supply (non-European)
Primary Input: 100-120Vac or 220-240Vac @ 50-60Hz
Primary Power Fuse: 5A, 250V
Current Draw: 2A @ 120; 1.2A @ 240
Input Power: <200W

Transmitter

Outputs: 2 ports
Operating Frequency: 58kHz (±200Hz)
Transmit Burst Duration: 1.6ms
Transmit Current: 16A peak
Burst Repetition Rate: 75 or 37.5Hz based on 50Hz ac; 90 or 45Hz (normal) based on 60Hz ac

Receiver

Inputs: 4 ports
Center Frequency: 58kHz

Alarm

Alarm Relay Output: DPDT contacts
Lamp/Audio Duration: 1-10 sec. (1 sec. increments)

Environmental

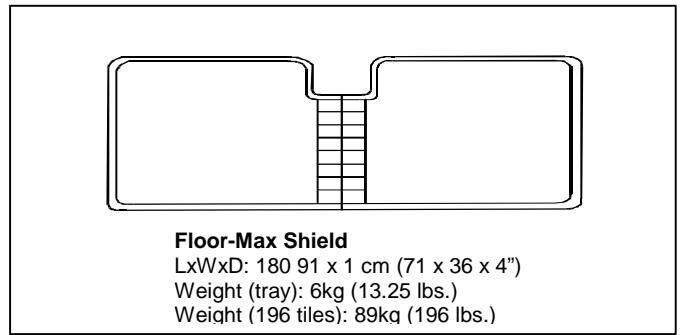
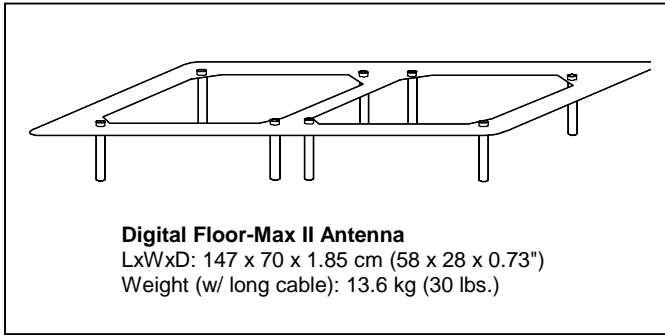
Ambient Temperature: 0° C to 50° C (32° F to 122° F)
Relative Humidity: 0-90% non-condensing

Regulatory

Safety: UL1950, Can/CSA C22.2, No. 950
EMC: 47 CRF, Part 15, RS 210 Issue 3

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Compatible with auxiliary antennas

One Digital 216 Controller with either one or two antennas will cover the following exit widths:

	<u>Ground level</u>	<u>Elevated</u>
One antenna	2.1 m (7')	1.9 m (6.25')
Two antennas.....	4.3 m (14')	4.1 m (13.5')

Installing auxiliary antennas or pedestal systems along with a Digital Floor-Max II System installation can provide additional width coverage. The auxiliary or pedestal antennas would be installed on both sides of the antenna to provide the additional width while minimizing their impact on the open appearance of the exit.

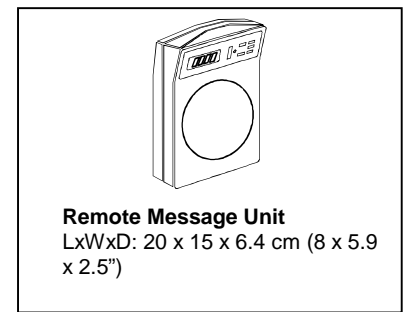
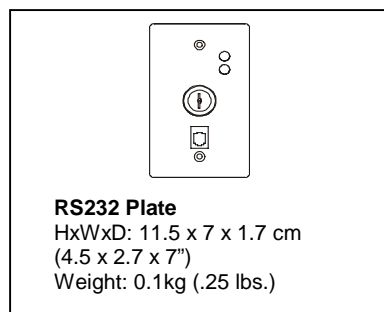
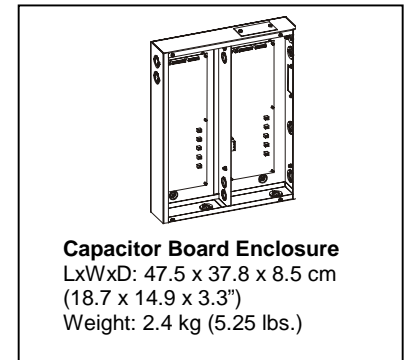
The Digital Floor-Max II System is compatible with Ranger receivers, Satellite Receiver, and Digital Pro-Max. Typical installations with auxiliary antennas can provide the following exit coverage:

- One antenna with two Ranger receivers: 3 m (10')
- One antenna with two Satellite Receivers: 3.6 m (12')
- One antenna with two Digital Pro-Max pedestals as receivers: 4.5 m (15')

Shielding for elevated floors

The Digital Floor-Max II System can be installed in both ground-level and elevated floors. Elevated (off grade) locations include second-story floors, floors over basements, and similar situations where the floor is above the building's foundation.

In elevated floor situations, it may not be possible to remove reinforcing metals from the floor to accommodate the antenna. Instead, a special Floor-Max shield can be installed to help ensure optimal detection performance.



Product Codes:

- ZSDFM2-ADigital Floor-Max II system with 12 m (40') cable
- ZSDFM2-A18Digital Floor-Max II system with 18 m (60') cable