



Sensormatic® Ultra•Max® AMS-3004LMC Detection System

Tyco Safety Products is proud to introduce the Ultra•Max® 3004LMC concealed EAS detection system.

The 3004LMC is a completely concealed EAS system. This new configuration utilizes a metal clad transmitter antenna, which allows for installation directly into the wall around store exits.

This system covers openings from 1m (3ft) to 2.4m (8ft).

The Ultra•Max 3004LMC is powered by the AMS-9040 controller, which offers the flexibility of protecting up to two exits from one controller.

Features:

- **Highly Aesthetic Effective EAS Protection.** Retailers can maintain the aesthetics in their retail space while deploying an effective EAS loop detection system.
- **Ease of Installation.** Installation requires less costly floor cutting now that the cabling is buried directly into the floor.
- **Compatible with all Ultra•Max® Tags and Dual Resonator Labels.** Enables customers to choose from a wide variety of hard tags and labels to protect merchandise based on their specific needs.
- **Proven and Effective EAS Protection.** The 3004LMC loop system utilizes the highly reliable Sensormatic® AMS-9040 controller which provides enhanced detection performance.

Specifications

Electrical

Power Supply

Primary Input	100-120Vac or 200-240Vac @ 50-60Hz
Primary Power Fuse	5A, slo-blow
Current Draw	0.8A@120VAC 0.5A@230VAC
Input Power	70W@120VAC with 1 or 2 loops 70W@230VAC with 1 or 2 loops

Transmitter

Operating Frequency	50-60Hz
Transmit Burst Duration	1.6ms
Transmit Current	4.5 – 10Ao-p (loop size related)
Burst Repetition Rate	90Hz with 1 loop 45Hz for each loop in 2 loop system
Center Frequency	58kHz±200Hz
Receiver cable:	13m (40ft), 2-conductor, shielded, burial-rated, plenum-rated
Loop cable:	18m (60ft), 4-conductor, shielded, burial-rated
Cap Box Power cable:	13m (40ft), 2-conductor, shielded, plenum-rated
Cap Box Comm cable:	13m (40ft), 9-conductor, shielded, burial-rated, plenum-rated

Alarm

Alarm Relay Output	DPDT contacts
Contact Switching Current	1.0A max.
Contact Switching Voltage	28V max.
Lamp/Audio Duration	1-30 sec. (1 sec. increments)

Environmental

Operating Temperature:	0° to 40°C (32° to 104°F)
Relative Humidity	0 to 90% non-condensing

Mechanical

Controller

Height	83.75mm (3 1/4in)
Width	271mm (10 5/8in)
Length	210mm (8 1/4in)
Weight	2.1kg (4.6 lbs)

Regulatory Compliances

EMC	47 CFR, Part 15 EN 300 330 EN 301 489 RSS 210
Safety	UL 60950-1 CSA C22.2 No 60950-1 EN 60950-1



Product Codes

ZAL4-3004-1MC	AMS-3004LMC Single .9m (3ft)
ZAL4-3004-2MC	AMS-3004LMC Single 1.8m (6ft)
ZAL4-3004-24MC	AMS-3004LMC Single 2.4m (8ft)
ZAL4-3004D-1MC	AMS-3004LMC Dual .9m (3ft)
ZAL4-3004D-2MC	AMS-3004LMC Dual 1.8m (6ft)
ZAL4-3004D-24MC	AMS-3004LMC Dual 2.4m (8ft)

Consumer Awareness

This anti-theft system complies with all applicable safety standards. However, people with implanted electronic medical devices may question whether a facility has an anti-theft system and where the system is located. Although most anti-theft systems are readily observable, some systems may be concealed. To make these people feel comfortable and to further deter theft it is recommended that facilities display "anti-theft systems in use" signs to inform people that a hidden anti-theft system is in use. Awareness materials can be ordered through your Sales Representative.