

EDS-2000 AM

Quad PIR & Microwave Outdoor Detectors with Optical Antimasking

The EDS-2000AM is unique Passive Infra-Red and Microwave detector for outdoor and harsh environment applications.

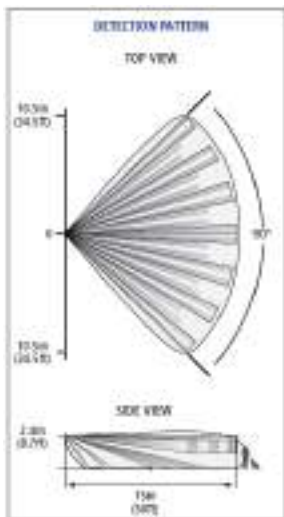
The EDS-2000AM is designed for outdoor usage in most severe and extreme acclimate conditions that may also accommodate pets. This special optics combined with MW Doppler sensor assures elimination of “false alarms” while maintaining high security standards for large areas.



PRODUCT FEATURES

- Quad Element Pyro sensor
- X-Band 10.525GHz/10.687GHz
- Form C (NC, NO, Common)
- IP65 rated
- 15m WA detection
- Relay contacts rate: 28Vdc, 0.1A
- Up to 55kg Pet immunity
- EN 50131 Certified Grade 3

DETECTION PATTERN



SPECIFICATION

| | | |
|------------------------|---|---------------------|
| Detection Method | PIR AND MW | |
| Microwave Frequency | X-Band (10.525 GHz) | |
| Power Input | 9.6 to 16Vdc | |
| Current Draw | Active: 24mA (±5%) | Standby: 21mA (±5%) |
| Temp Compensation | Yes, Dual slop temperature compensation | |
| Alarm Period | 2 sec (±0.5sec) | |
| Alarm Outputs | Form C (NC, NO, Common) 28Vdc 0.1 A with 10 Ohm | |
| Tamper Switch(s) | Two Switches N.C 28Vdc 0.1 A with 10 Ohm Series protection resistors Opens when cover is removed from unit's base | |
| Warm up Period | 30sec (± 5sec) | |
| LED Indicator | All LEDs are ON during ALARM | |
| RF Immunity | 10 V/m plus 80% AM from 80 MHz to 2GHz | |
| Electrostatic Immunity | 6kV contact, 8kV air | |
| Transient Immunity | 1kV | |
| Operation Temp | -35°C ~ +55°C | |
| Dimensions | 175mm x 70mm x 45mm | |
| Weight | 210gr | |
| Part Number | 0012960 | |

STANDARD COMPLIANCE

EN50130-4
EN50130-5
EN50131-1,
EN50131-2-4
Security Grade 3, Environmental Class II