

PIR EDGE Analog Pet Immune



The PIR EDGE Analog Pet Immune is specifically designed to provide optimal performance while preventing false alarms in environments containing pets.

The cutting-edge motion detector uses a reliable electronic detection circuit, adjustable parameters, automatic temperature compensation and a unique pet rejection lens to provide effective and reliable detection of human motion and good protection against nuisance alarm associated with pets weighing up to 18kg (40lbs).

Feature Highlights

- Pet immunity up to 18kg (40lbs)
- Passive infrared, dual element
- Wide angle Fresnel Technologies lens
- Adjustable reaction time
- Flat wall or corner mounting options
- LED indicator
- Shrouded tamper protection
- Detection speed of up to 2.5m/s (8.2ft/s)
- Coverage of 11m x 11m (40ft x 40ft) 88.2° wide
- 12VDC power supply input

Technical Specifications

Operating Voltage	12VDC ± 25% (9VDC to 15VDC)
Operating Current	15mA (normal), 20mA (max), 15mA when LED disabled (JP2 LED off)
Detection Type	Passive infrared, Dual element
Detectable Speed	Up to 2.5m/s (8.2ft/s)
Coverage	11m x 11m (40ft x 40ft) 88.5° wide
Installation Height	2.1m (1.8m to 2.4m via PCB adjustment)
Initial Cold Start-up Time	30 seconds
Lens	Fresnel® Technologies pet immune array
Pet Immunity	Pet Immunity up to 18Kg (40lbs) using Normal Reaction Time "J1 OFF"
Alarm Output Rated Load	NC 30VDC, 100mA (0.1A) (resistive load)
Alarm Signalling Time	3 seconds
Tamper Switch	30VDC, 200mA (0.2A) NC when cover is closed, OPEN when cover is removed
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-30°C to 60°C (-22°F to 140°F)
Humidity	0% to 85% (non condensing)
Dimensions (H x W x D)	90 x 65 x 53.1mm (3.54 x 2.55 x 2.09")

Ordering Information

PIR-EAS-PET	PIR EDGE Analog Pet Immune
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Regulatory Notices

Federal Communications Commission (FCC)

FCC Rules and Regulations CFR 47, Part 15, Class A.

This equipment complies with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; (2) This device must accept any interference received, including interference that may cause undesired operation.

Industry Canada

ICES-003

This is a Class A digital device that meets all requirements of the Canadian Interference-Causing Equipment Regulations.

CAN ICES-3 (A)/NMB-3(A)

RCM (Australian Communications and Media Authority (ACMA))

This equipment carries the RCM label and complies with EMC and radio communications regulations of the Australian Communications and Media Authority (ACMA) governing the Australian and New Zealand (AS/NZS) communities.

CE – Compliance with European Union (EU)

Conforms to European Union (EU) Low Voltage Directive (LVD) 2014/35/EU, Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU and RoHS Recast (RoHS2) Directive: 2011/65/EU.

This equipment complies with the rules of the Official Journal of the European Union for governing the Self Declaration of the CE Marking for the European Union as specified in the above directive(s).