

PYR-4122

Analog Hardwire Pet Immune
Passive Infrared Motion Detector



Rosslare's PYR-4122 is one of a powerful line of high performance indoor Passive Infrared (PIR) motion detectors, ideal for residential, commercial and institutional applications where small to medium size animals are present. It packs advanced features such as a high-powered PET lens and PET analyzing algorithms for differentiating between humans and animals, self-test functions, movement and speed analysis, selectable energy level, ultra-bright LED, and cover tamper detection.

GENERAL DESCRIPTION

The PYR-4122 is an analog hardwired pet immune passive infrared motion detector with a high stability intrusion sensor.

The PYR-4122 utilizes high-temperature compensation and unique low-temperature compensation for maximal detection capabilities and minimal false-alarm transmissions.

The PYR-4122's pyroelectric sensor is enclosed in a sealed chamber, protected from insects and air drafts. For additional security, the unit is supplied with a cover tamper which detects tampering with the sensor if the case is opened.

MAIN FEATURES

- Pet immune up to 18 kg (40 lb)
- Flexibility of operation and installation
- Vertical adjustment (three height scale)
- Draft/insect immunity
- Cover tamper

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

■ Operating Voltage Range	9–16 VDC
■ Input Current, Max.	Standby: 15 μ A Maximum: 10 mA

OPERATIONAL CHARACTERISTICS

■ Alarm Signaling	Red LED 2 seconds on event transmission
■ Alarm Output	Solid states relay N.C.
■ Alarm Period	2–3 seconds
■ Temperature Compensation	Analog single slope (+/- 1°C)
■ Speed Detection	0.2 m/s \div 5 m/s Δ t = 1.1°C (0.66 ft/s \div 16.4 ft/s Δ t = 2°F)

ENVIRONMENTAL CHARACTERISTICS

■ Operating Temperature	-10°C to 60°C (14°F to 140°F)
■ Operating Humidity	0 to 95% (non-condensing)
■ Operating Environment	Indoor use

PHYSICAL CHARACTERISTICS

■ Dimensions (H x W x D)	110 x 64 x 31.4 mm (4.3 x 2.5 x 1.2 in.)
■ Weight:	90 g (3.2 oz)

SYSTEM COMPATIBILITY

AuraSys P-6
AuraSys L-2/K, L-4/K, L-6

PRODUCT WARRANTY

2-Year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

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