

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 hardwire pet immune passive infrared motion detector is a high stability intrusion sensor.

The PYR-4122 utilizes high-temperature compensation and a 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 higher-security still, 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 18Kg (40 lbs)
- 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: 15µA Maximum: 10mA

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	0.2M/s÷5M/sΔt=1.1°C (0.66 ft/s÷16.4 ft/sΔt=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 (4.33 x 2.52 x 1.24 inch)
■ Weight:	90 g (3.175 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, a division of Rosslare Enterprises Ltd. manufactures high-quality security products worldwide since 1980. The company's three main lines: Access Control, Intrusion Detection and Guard Patrol, together with a growing product range have transformed Rosslare Security into a major force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).



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