

# SLIM-PIR-LUNA-PET

**SLIM-PIR-LUNA-PET** detects motion in the protected area. Additionally, the detector has a set of LEDs to implement the lighting feature.

- certificate of compliance with the EN 50131 requirements for Grade 2
- motion detection using passive infrared (PIR) sensor
- adjustable sensitivity of detection
- digital motion detection algorithm
- digital temperature compensation
- wide-angle lens, designed specifically for **SLIM LINE** detectors
- pet immunity up to 20 kg
- ability to configure detector operating parameters using the **OPT-1** keyfob
- built-in end-of-line resistors (2EOL: 2 x 1,1 kΩ / 2 x 4,7 kΩ / 2 x 5,6 kΩ)
- lighting feature implemented with white LEDs
- remote lighting control or motion activated lighting capability
- LED indicator
- selectable color of the LED indicator (7 colors available)
- LED indicator remote enable/disable
- remote switching between two levels of PIR sensor sensitivity
- configuration mode remote enable/disable
- supervision of motion detection and supply voltage circuit
- tamper protection against opening of enclosure and removal from mounting



Alarm signaling time	2 s
Relay contact resistance (tamper output)	26 Ω
Relay contact resistance (alarm output)	26 Ω
Tamper outputs (NC relay, resistive load)	40 mA / 24 V DC
Alarm outputs (NC relay, resistive load)	40 mA / 24 V DC
Detection area	12 m x 13 m, 90°
Security grade according to EN50131-2-2	Grade 2
Warm-up period	30 s
EOL resistors	2 x 1.1 kΩ / 2 x 4.7 kΩ / 2 x 5.6 kΩ
Complied with standards	EN 50131-1, EN 50131-2-2, EN 50130-4, EN 50130-5
Supply voltage	12 V DC
Environmental class according to EN50130-5	II
Dimensions	62 x 137 x 42 mm
Maximum humidity	93±3%
Weight	142 g
Max. current consumption	97 mA
Standby mode current consumption	13 mA
Recommended mounting height	2,4 m
Operating temperature range	-10 °C...+55 °C
Detected target velocity	0.3...3 m/s