

SLIM-DUAL-LUNA-PET

SLIM-DUAL-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 two sensors: a passive infrared (PIR) sensor and a microwave (MW) sensor
- adjustable detection sensitivity of both sensors
- option to test the sensors separately
- digital motion detection algorithm
- digital temperature compensation
- digital filter of signals received by the microwave sensor to ensure immunity to false alarms caused by the power network and discharge lamps
- operating mode selection: basic, advanced, PIR or MW
- wide-angle lens, designed specifically for SLIM LINE detectors
- pet immunity up to 20 kg (basic operating mode only)
- ability to configure detector operating parameters using the OPT-1 keyfob
- built–in end–of–line resistors (2EOL: 2 x 1,1 k Ω / 2 x 4,7 k Ω / 2 x 5,6 k Ω)
- lighting feature implemented with white LEDs
- remote lighting control or motion activated lighting capability
- LED indicator
- selectable color of LED indicator (7 colors available)
- LED indicator remote enable/disable
- remote switching between two sets of detector operating parameters
- configuration mode remote enable/disable
- $\bullet\,$ supervision of motion detection and supply voltage circuit
- tamper protection against opening of enclosure and removal from mounting



Alarm signaling time	2s
Relay contact resistance (tamper output)	26Ω
Relay contact resistance (alarm output)	26Ω
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°
Warm-up period	30 s
EOL resistors	$2 \times 1.1 \text{ k}\Omega/2 \times 4.7 \text{ k}\Omega/2 \times 5.6 \text{ k}\Omega$
Security grade according to EN50131-2-4	Grade 2
Microwave frequency	24,125 GHz
Complied with standards	EN 50131-1, EN 50131-2-4, EN 50130-4, EN 50130-5
Supply voltage	12 V DC
Environmental class according to EN50130-5	
Dimensions	62 x 137 x 42 mm
Maximum humidity	93±3%
Weight	144 g
Max. current consumption	100 mA
Standby mode current consumption	14 mA
Recommended mounting height	2,4 m
Operating temperature range	-10°C+55°C
Detected target velocity	0,33 m/s