

SLIM-DUAL-LUNA-PET

DUAL-TECH PIR+MW MOTION DETECTOR WITH PET IMMUNITY UP TO 20 KG

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 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 LED indicator (7 colors available)
- LED indicator remote enable/disable
- remote switching between two sets of detector operating parameters
- configuration mode remote enable/disable
- supervision of motion detection and supply voltage circuit
- tamper protection against opening of enclosure and removal from mounting



TECHNICAL DATA

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| Supply voltage | 12 V DC |
| Detected target velocity | 0,3...3 m/s |
| Operating temperature range | -10°C...+55°C |
| Recommended mounting height | 2,4 m |
| Standby mode current consumption | 14 mA |
| Max. current consumption | 100 mA |
| Weight | 144 g |
| Maximum humidity | 93±3% |
| Dimensions | 62 x 137 x 42 mm |
| Environmental class according to EN50130-5 | II |
| Alarm signaling time | 2 s |
| Complied with standards | EN 50131-1, EN 50131-2-4, EN 50130-4, EN 50130-5 |
| Microwave frequency | 24,125 GHz |
| Security grade according to EN50131-2-4 | Grade 2 |
| EOL resistors | 2 x 1,1 kΩ / 2 x 4,7 kΩ / 2 x 5,6 kΩ |
| Warm-up period | 30 s |
| Detection area | 12 m x 13 m, 90° |
| Alarm outputs (NC relay, resistive load) | 40 mA / 24 V DC |
| Tamper outputs (NC relay, resistive load) | 40 mA / 24 V DC |
| Relay contact resistance (alarm output) | 26 Ω |
| Relay contact resistance (tamper output) | 26 Ω |