

SLIM-S-PIR-LUNA

SLIM-S-PIR-LUNA is an indoor motion detector from the SLIM LINE series, designed for **surface-mounted ceiling installation**. It is an ideal solution for locations where wall-mounted detectors are impossible or undesirable. With its 360° detection coverage, it is well suited for monitoring shops, warehouses, and other areas where a ceiling-mounted detector facing downward provides more effective coverage than a wall-mounted detector.

This model is also available for recessed-mounting (**SLIM-R-PIR-LUNA**).

- compliant with the **EN 50131 Grade 2** requirements
- lighting function using LEDs:
 - remote lighting control
 - lighting activation by motion
- motion detection using a passive infrared (PIR) sensor
- remote switching between two programmed sensitivity levels (SENS terminal)
- maximum detection area:
 - ø 6 m / 28 m² – mounting height 2,4 m
 - ø 10 m / 79 m² – mounting height 3,5 m
- detector operating parameter configuration:
 - on-board buttons
 - **OPT-1** remote Keyfob
- digital motion detection algorithm
- digital temperature compensation
- adjustable detection sensitivity
- built-in EOL resistors: 1.1 kΩ, 4.7 kΩ, 5.6 kΩ
- LED indicator:
 - selectable LED color (7 colors available)
 - remote on/off control
- supervision of the motion detection circuit
- 12 V DC power supply (15%)
- power supply monitoring
- tamper protection against enclosure opening and removal from the mounting surface
- ceiling surface mounting



Environmental class according to EN50130-5	II
EOL resistors	2 x 1,1 / 2 x 4,7 / 2 x 5,6 kΩ
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
Security grade according to EN50131-2-2	Grade 2
Warm-up period	30 s
Complied with standards	EN 50131-1, EN 50131-2-2, EN 50130-4, EN 50130-5
Alarm signaling time	2 s
Supply voltage	12 V DC
Dimensions	ø 120 x 37 mm
Maximum humidity	93±3
Weight	115 g
Max. current consumption	65 mA
Standby mode current consumption	11 mA
Recommended mounting height	2,4...3,5 m
Operating temperature range	-10°C...+55°C
Detected target velocity	0.3...3 m/s