

SLIM-R-PIR

PIR CEILING MOTION DETECTOR (RECESSED)

SLIM-R-PIR is an indoor motion detector from the SLIM LINE series, designed for **recessed ceiling mounting**. Is it an excellent solution for rooms with suspended ceilings. With its 360 ° detection coverage, it is well suited for monitoring shops, warehouses, and other spaces where a ceiling-mounted detector facing downward provides more effective area coverage than a wall-mounted detector.

This model is also available for surface mounting (**SLIM-S-PIR**).

- compliant with the **EN 50131 Grade 2** requirements
- motion detection using a passive infrared (PIR) sensor
- maximum detection area:
 - $\varnothing$ 6 m / 28 m² – mounting height 2,4 m
 - $\varnothing$ 10m / 79 m² – mounting height 3,5 m
- detector operating parameter configuration: on-board buttons
- digital motion detection algorithm
- digital temperature compensation
- adjustable detection sensitivity
- built-in EOL resistors: 1.1 k Ω
- LED indicator:
 - selectable alarm indication color (7 colors available)
 - remote on/off control
- remote enable/disable of configuration mode
- supervision of the motion detection circuit
- 12 V DC power supply ($\pm 15\%$)
- power supply monitoring
- tamper protection against enclosure opening
- installation in suspended ceilings

TECHNICAL DATA

Supply voltage	12 V DC
Operating temperature range	-10°C...+55°C
Recommended mounting height	2,4...3,5 m
Standby mode current consumption	11 mA
Max. current consumption	38 mA
Weight	138 g
Maximum humidity	93 $\pm$ 3%
Dimensions	$\varnothing$ 130 x 42 mm
Environmental class according to EN50130-5	II
Alarm signaling time	2 s
Complied with standards	EN 50131-1, EN 50131-2-2, EN 50130-4, EN 50130-5
Warm-up period	30 s
Security grade according to EN50131-2-2	Grade 2
Alarm outputs (NC relay, resistive load)	40 mA / 24 V DC
Tamper outputs (NC)	100 mA / 30 V DC
Relay contact resistance (alarm output)	26 Ω
EOL resistors	2 x 1,1 k Ω