

SLIM-R-PIR-PRO BUS

BUS PIR CEILING MOTION DETECTOR WITH ANTI-MASKING (RECESSED-MOUNTED)

SLIM-R-PIR-PRO BUS is an indoor ceiling motion detector from the SLIM LINE series, designed for recessed ceiling mounting. The detector can be connected to the RS communication bus of a SATEL alarm control panel supporting bus-connected devices.

The device is also available in a version designed for surface-mounted ceiling installation (**SLIM-S-PIR-PRO BUS**).

- compliant with the **EN 50131 Grade 3** requirements
- active IR anti-masking compliant with **EN 50131-2-2 for Grade 3**
- motion detection using a passive infrared (PIR) sensor
- maximum detection area:
 - $\varnothing$ 6 m / 28 m² – mounting height 2,4 m
 - $\varnothing$ 10 m / 79 m² – mounting height 3,5 m
- adjustable detection sensitivity
- digital motion detection algorithm
- digital temperature compensation
- RS communication bus
- settings configuration via the RS bus
- firmware update via the RS bus
- built-in temperature sensor (measurement range: -10°C to +55°C)
- remote lighting control
- 12 V DC power supply ($\pm 15\%$)
- power supply monitoring
- tamper protection against enclosure opening and detector displacement
- installation in suspended ceilings

TECHNICAL DATA

Supply voltage	12 V DC
Detected target velocity	0,2...3 m/s
Operating temperature range	-10°C...+55°C
Recommended mounting height	2,4...3,5 m
Standby mode current consumption	14 mA
Max. current consumption	45 mA
Weight	144 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 3