SLIM-PIR-LUNA-PET BUS

BUS PIR MOTION DETECTOR WITH LIGHTING FUNCTION AND PET IMMUNITY

The **SLIM–PIR–LUNA–PET BUS** detector senses motion within the protected area using infrared technology. The device ignores the movement of animals weighing up to 20 kg moving on the floor. Additionally, the detector is equipped with a set of LEDs providing a lighting function. The detector can be connected to the RS communication bus of a SATEL alarm control panel supporting bus–connected devices.

Note: the detector is immune to pet movement up to a height of 1 meter above the floor.

- compliant with the **EN 50131 Grade 2** requirements
- motion detection using a passive infrared (PIR) sensor
- maximum detection area: 12 m × 13 m, 90°
- adjustable detection sensitivity
- digital motion detection algorithm
- digital temperature compensation
- wide–angle lens specially designed for detectors from the SLIM LINE series
- 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)
- lighting function implemented using LEDs
- remote lighting control
- LED indicators
- 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

TECHNICAL DATA

Supply voltage	12 V DC
Detected target velocity	0.3...3 m/s
Operating temperature range	-10°C...+55°C
Recommended mounting height	2...2.4 m
Standby mode current consumption	10 mA
Max. current consumption	87 mA
Weight	141 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 50131-2-2, EN 50130-4, EN 50130-5
Warm-up period	30 s
Security grade according to EN50131-2-2	Grade 2
Maximum detection area	12 m x 13 m, 90°

The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.