SLIM-DUAL-LUNA BUS

The **SLIM–DUAL–LUNA BUS** detector senses motion within the protected area using infrared and microwave technology. 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.



- compliant with the **EN 50131 Grade 2** requirements
- motion detection using a passive infrared (PIR) sensor and a microwave (MW) sensor
- maximum detection area: 20 m × 24 m, 90°
- adjustable detection sensitivity
- independent sensor testing capability
- digital motion detection algorithm
- digital temperature compensation
- digital filtering of signals received by the microwave sensor for immunity to interference caused by the power grid and discharge lamps
- option to enable/disable creep zone control
- wide–angle lens specially designed for detectors from the SLIM LINE series
- replaceable lens with either a curtain lens (CT–CL) or a long–range lens (LR–CL)
- 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
- adjustable mounting bracket (BRACKET D) included

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	11 mA
Max. current consumption	88 mA
Weight	143 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
Warm-up period	30 s
Permissible installation height	do 4 m

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