SLIM-DUAL BUS

SLIM–DUAL BUS is a bus dual technology motion detector that uses infrared and microwaves to detect motion. It offers adjustable sensitivity of both sensors and a selectable operation mode: basic, advanced, PIR or MW. The detector can be connected to the RS communication bus (SATEL BUS) of a SATEL control panel that supports bus devices.



- meets the requirements of **EN 50131–2–4 for Grade 2**
- motion detection with a passive infrared sensor (PIR) and a microwave sensor (MW)
- maximum coverage area: 20 m x 24 m, 90°
- adjustable detection sensitivity of both sensors
- digital motion detection algorithm
- digital temperature compensation
- digital filter of signals received by the microwave sensor ensuring immunity to interference caused by the power network and gas–discharge lamps
- wide–angle lens designed specifically for SLIM detectors
- selectable operation mode: basic, advanced, PIR or MW
- RS communication bus
- programming settings via the RS bus
- firmware update via the RS bus
- built–in temperature sensor (measuring range: –10°C to +55°C)
- LED indicator:
  - selectable lighting color (7 colors available)
  - indicator enabled/disabled remotely
- supervision of the motion detection system
- powered by 12 VDC (±15%)
- supply voltage control
- tamper protection against opening the enclosure
- can be mounted on the BRACKET D bracket (sold separately)

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 m
Standby mode current consumption	15 mA
Max. current consumption	45 mA
Weight	97 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	up to 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.