



AUTOLIGHT SMART DALI

Super small & smart Bluetooth sensor gateway with integrated HF sensor, with mesh network, DALI interface and App

Motion detector with BLE & DALI interface

AUTOLIGHT SMART DALI is a super small 5.8 GHz HF motion detector for switching, dimming and networking from single luminaires to complex installations.

Settings can easily be made by Smartphone App via Bluetooth point to point communication or mesh network. It allows to adjust individual luminaires, groups or profiles for a complete installation. The distance between the sensor units can be up to 20 m indoors. It is equipped with a DALI interface which allows to control up to 4 DALI slaves in a broadcast mode. Without any electromechanical switch the sensor has no wear and tear.

Characteristics

- Small and compact
- Wireless communication over mesh network via Bluetooth
- Configuration via App on tablet or smartphone (available for iOS and Android)
- DALI interface
- Daylight sensor

Technical data

Operating voltage	230 V \pm 10 %, 50 Hz
Standby power	< 1.0 W
Interfaces	DALI MASTER (max. 4 ballasts / max. 8 mA); Bluetooth interface
Sensor principle	HF motion detector
Frequency range	5.8 GHz \pm 75 MHz
HF power	< 5 mW (< 14 dBm EIRP)
Detection range	up to 15 m (frontal, wall mounted) up to 10 m (diamater, ceiling mounted)
Detection angle	approx. 120° (depending on diffusor)
Motion detection	0.3 ... 3 m/s (1 ... 10 km/h)
Adjustable functions	via App on a smart device
Sensitivity	0 ... 100 % in 10 % steps
Hold time	5 seconds ... 60 minutes
Daylight sensor	1 Lux ... 350 Lux; ∞ ; teach in
DIM level	0 ... 100 %
Program Modes	On / Off, Permanent, Corridor, Soft-DIM: active / inactive
Mounting height	max. 2.70 m (wall mounting), max. 4.00 m (ceiling mounting)
Operating temperature	-20 ... +60 °C
IP rating	IP 20 (mounting inside the luminaire)
Size	84 x 30 x 21 mm (L x W x H, incl. mounting lugs)
Certificates	CE (additional certificates on request)