



AUTOLIGHT SMART ON/OFF

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

Motion detector with BLE & relay

AUTOLIGHT SMART ON/OFF is a super small 5.8 GHz HF motion detector for switching and networking from single luminaires to complex installations.

Settings can easily be made by Smartphone App via Bluetooth mesh network. It allows to adjust individual luminaires, groups or profiles. The distance between the sensor units can be up to 20 m indoors. It is equipped with a relay interface which allows to switch up to 3 drivers (depending on inrush current).

Characteristics

- Small and compact
- Two possible mounting positions (on ground plate or behind LED panel)
- Wireless communication over mesh network via Bluetooth
- Configuration via App on tablet or smartphone (available for iOS and Android)
- Relay interface (zero-cross switching)
- Daylight sensor

Technical data

Operating voltage	230 V \pm 10 %, 50 Hz
Standby power	< 1.0 W
Interfaces	N, L, L' (switched output) Bluetooth interface
Switched load	inrush current max. 60 A / 200 μ s
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 (diameter, 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
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	65 x 38 x 27 mm (L x W x H, incl. mounting lugs)
Certificates	CE (additional certificates on request)