



- **Compact motion detector on the market**
- **Lowest power consumption, only 0.4W**
- **Easy to put into operation via CASAMBI**
- **Can be used directly in Stucci 48V power rails**

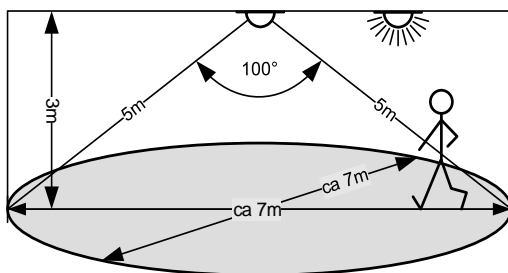
The LIGA.AIR.SP48.STU is a motion detector that has a PIR and a light sensor for motion detection. With these sensors, it is possible to automatically switch a light source, a group, entire lighting scenarios, animations or complete CASAMBI networks using measured movement and/or freely selectable lux values.

This fully implements daylight harvesting with different light levels during the day and synchronised control of the luminaires. In conjunction with CASAMBI, this motion sensor helps to make significant savings in energy consumption. The light is only switched on when it is needed. Follow-Me, Swarm-Control and active/standby solutions can also be realised for applications in offices, industry, retail, hospitality and the home.

As a CASAMBI Ready product, it is directly integrated into the complete CASAMBI system. All configurations and runtimes are set quickly and easily using the CASAMBI app.

The housing design allows direct mounting in Stucci busbars.

Motion sensor Detection range:



Installation by a qualified electrician in accordance with local regulations!



Technical data:

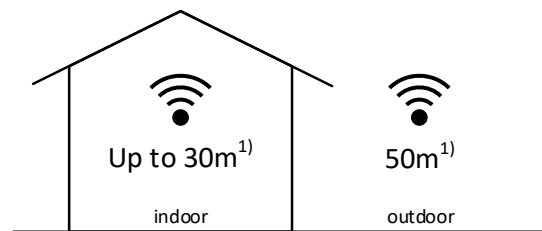
Dimensions (D x L)	Ø 33mm (1.3") x 85mm (1.9"), length from conductor rail
weight	95g (without packaging)
Colours	Housing black or white
Connection / Mounting	Directly in Stucci busbars
Ambient conditions	Operation: Temperature -20 ... 50°C, humidity < 85%rH Storage, transport: temperature -25 ... 65°C, humidity < 95%rH
Protection class	IP44 (front side)
Power supply / power	48V DC / max. 0.4W
Motion sensor	Measuring range 5m, angle 100° (horizontal), 64 detection zones
Settings with CASAMBI app	Switch-on times, twilight settings Light sensor
Applications	Security technology, motion detection, automatic light control, energy saving, etc.
Standards	Radio Equipment Directive 2014/53/EU
Scope of delivery	1 CASAMBI motion detector for Stucci power tracks

Compatible devices:



iPhone 4S or later
iPad 3 or later
iPod Touch 5th generation or later
Android 4.4 KitKat or later devices
manufactured after 2022 with full Bluetooth
5.0 support

Range:



CASAMBI uses the MESH network technology. Each device acts like a repeater and refreshes the received Bluetooth signal for the following devices.

Greater ranges can therefore be achieved with additional CASAMBI devices.

1) The range also depends heavily on the environment and obstacles such as walls and building materials.

