- **Only for CASAMBI EVOLUTION Software**
- **Smallest CASAMBI motion detector.**
- **Smallest power consumption**
- **Simply operates with CASAMBI.**
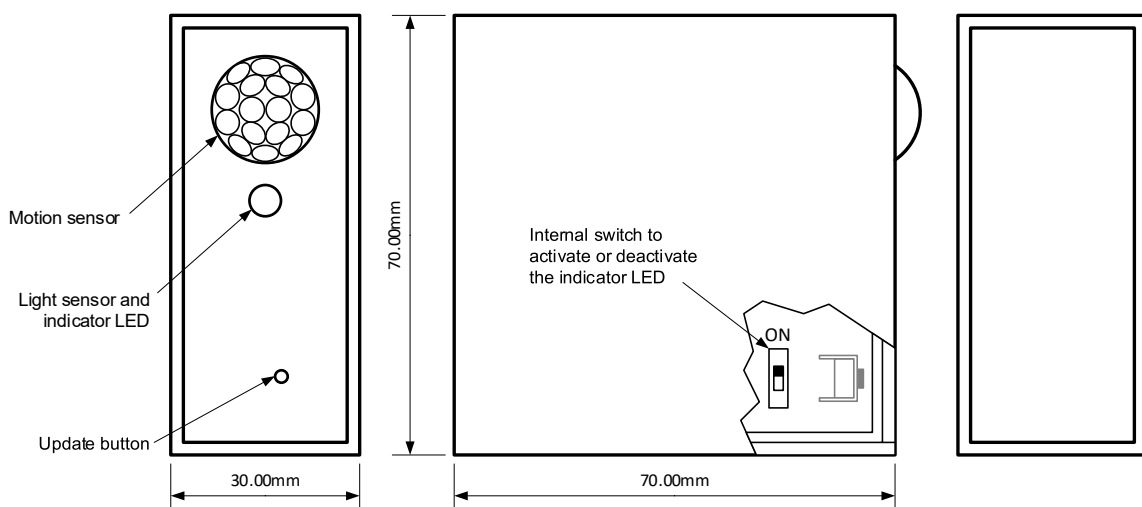- **Battery operated, thus independently applicable in all locations indoors.**

The LIGA.AIR.SP.CUBE is a battery operated CASAMBI motion detector with a PIR and a light sensor for motion detection. With these sensors it is possible to automatically switch a light source, a group, entire light scenarios, animations or complete CASAMBI networks by measured movement and/or freely selectable Lux values.

A Daylight Harvesting is completely implemented at different light levels during the day and synchronous control of the lights. In conjunction with CASAMBI, this motion sensor helps to make significant energy savings by only turning on the light when needed. Follow-Me, Swarm-Control and active / standby solutions can also be implemented for applications in offices, industry, retail, hospitality and home.

As a CASAMBI Ready product, it is integrated directly into the complete CASAMBI system. All configurations and runtimes are practically and quickly set with the CASAMBI App.
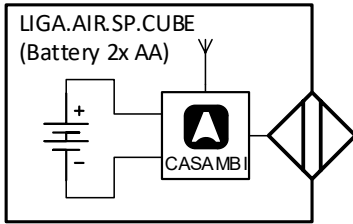
Thanks to the battery operation, an extremely flexible use is possible in all indoor locations.

Dimensional drawing:

Motion sensor

Light sensor and indicator LED

Update button

30.00mm

70.00mm

Internal switch to activate or deactivate the indicator LED

ON

70.00mm

LIGA.AIR.SP.CUBE_DSEN_211209.docx

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Schematics:

LIGA.AIR.SP.CUBE
(Battery 2x AA)

+

−

CASAMBI

Motion detection range:

100°

3m

5m

5m

ca 7m

ca 7m
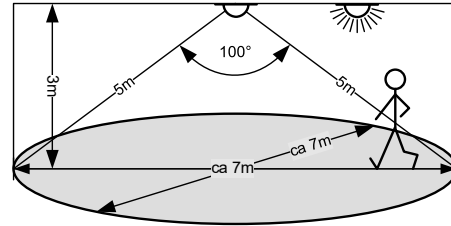
Technical specifications:

Dimension (T x D1 x D2)	70mm (2.75'') x 70mm (2.75'') x 30mm (1.2'') Wood Design: 74mm (2.91'') x 74mm (2.91'') x 34mm (1.34'')
Weight	100g / 150g (without / with batteries)
Enclosure colors	Enclosure: Aluminum white (RAL9010), black (RAL9005), silver (anodized aluminum) or wood color (real wood veneer). Front and rear: Plastic white or black
Mounting	Mobile at any location indoors.
Environmental conditions	Operation: Temperature -20 ... 50°C, humidity < 85%rH Stock: Temperature -25 ... 65°C, humidity < 95%rH
Power supply	3VDC, 2 x AA batteries.
Motion detector	Range 3m, angle max 100° (horizontal), 64 detection zones
Setup with Casambi App	Switch-on times, twilight settings of light sensor
Anwendungen	Safety technology, motion detection, automatic light control, energy saving etc.
CASAMBI Modul Standards	Bluetooth Wireless Control
Additional standards	Radio Equipment Directive 2014/53/EU
Scope of delivery	1 CASAMBI Motion detector

Update requirements:
All devices in the Casambi network need to be updated to the latest Evolution version.

Compatible devices:

CASAMBI

Download on the App Store

ANDROID APP ON Google play

Range:

CASAMBI uses mesh network technology so each CBU-ASD acts also as a repeater.

Longer ranges can be achieved by using multiple CASAMBI units.

Range is highly dependent on the surrounding and obstacles, such as walls and building materials.

□ CE SWISS

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Disconnect or unpair the device from the Casambi network:

The following steps describe how to unpair the LIGA.AIR.SP.CUBE from the Casambi network.

1) It is best to position the device upwards, the motion sensor and unpair button should point vertically upwards. 2) Hold the tool for pressing the internal unpair button in one hand. 3) With the other hand, cover the motion sensor completely so that the LED can still be seen. After the LED has gone out, the sensor must not register any movement for at least 5 seconds, or the LED in the light sensor must not light up during this time.	
4) After the 5 seconds, the hand can be removed from the sensor so that movement is detected again. As soon as the LED lights up, the unpair button must immediately and briefly be pressed 1 time. 5) The device should now be visible and selectable in the app in the "Nearby devices" list for a few seconds. 6) Briefly tap the device in this list and unpair it from the Casambi network using the "Unpair device" function.	
7) The unpaired device is now displayed in the list as "unpaired" and can be used in another Casambi network. For the unpaired LIGA.AIR.SP.CUBE the LED is permanently on and the device is also permanently visible (not grayed out) in the "Device near" list. If the device remains grayed out or cannot be selected in the "Device near" list after the above procedure, or if it is no longer visible in the list, the procedure must be repeated from step 1).	

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