

CBU-PIR-CTRL

Casambi Occupancy and Daylight Sensor with control outputs

- // Mains-powered PIR sensor for Casambi applications
- // Comes with optional relay and DALI outputs, to control up to 50 non-Casambi luminaires
- // Wirelessly programmable via Casambi app, to operate as presence detector, absence detector, or both
- // Pre-configured to work out of the box before commissioning
- // IP65 surface mount box in black or white available as an option
- // 5 year warranty
- // Low-bay flat lens detection pattern for single occupant
- // Screw terminals



Recessed

Surface Mount

Construction

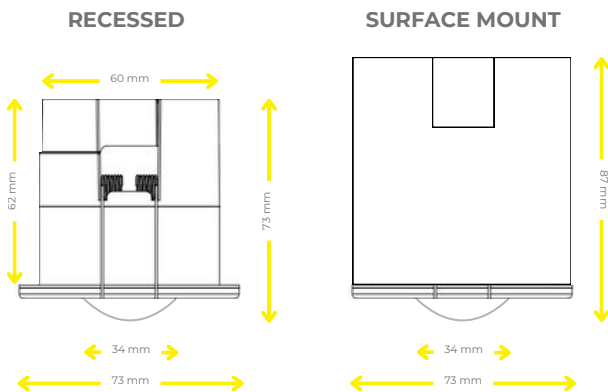
The CBU-PIR-CTRL motion sensor is a reliable and efficient device that offers a convenient solution for monitoring motion in indoor settings. Its Bluetooth technology allows for seamless connectivity to other Casambi devices, while its relay/DALI outputs ensure that it can control connected luminaires without the need for additional switching hardware.

This motion sensor is particularly well-suited for use in office, classroom, healthcare, and other commercial areas where motion detection is necessary for security, safety, or energy management purposes.

The sensor can be managed and configured via the Casambi app.

Dimensional Drawings

Note: Track adaptor, when mounted to surface box, adds 51mm to height.



This product can be added to the Mount Lighting Casambi LCM, in order to control the LCM from the sensor.

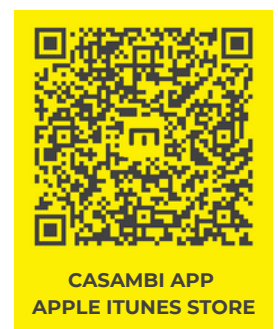
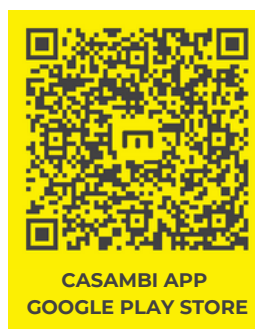
Product Code	Colour	Description
CBU-PIR-CTRL	White	Casambi PIR - Recessed
CBU-PIR-CTRL/TRACK	White	Casambi PIR - Track mounted

Note: Please add /BLK to any product code for a black option

Accessory Code	Colour	Description
CBU-PIR-CTRL/SB	White	Surface Mount Box

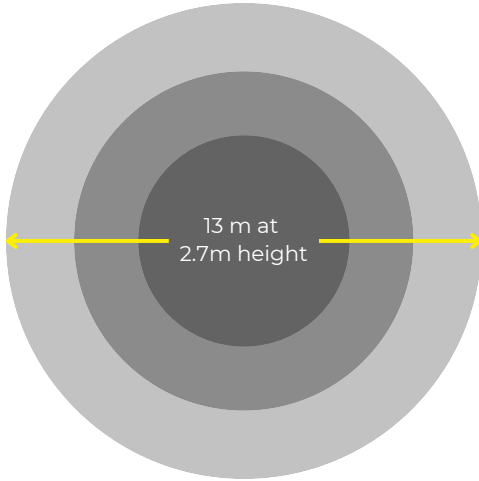
Note: Please add /BLK to the code for a black option

Technical Specifications	
Voltage	220~240v AC 50/60Hz
Installation height	2.5m - 3.6m
Cut-out Size	62 - 66mm
Detection range(Ø)	13 m at 2.7m height
Detection angle	360°
Bluetooth range (typical)	10~30m
Operation temperature	-20°C to +50°C
DALI Output	100mA, up to 50 drivers
Relay Output	Up to 10A, with 250A 1ms inrush
Light Detection Range	1 - 999 lux
IP rating	IP20

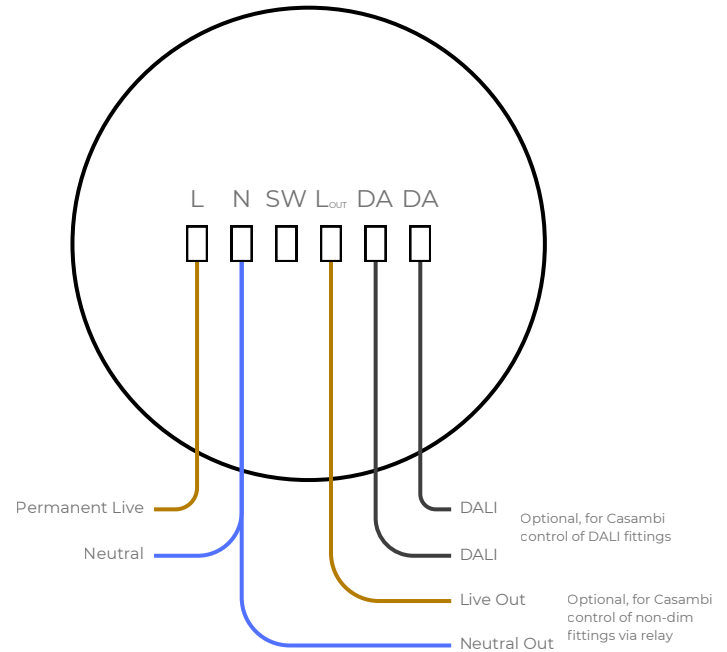


CBU-PIR-CTRL

Detection Pattern



Wiring



IP65 Seal Detail



WARNING!

Hazardous voltages. Risk of electric shock or fire. Only qualified professionals should make the connections. Disconnect the mains power supply and verify its absence prior to installation.



Casambi Profiles

Default Profile is set to the following:

20 min hold time

1 second fade time

Presence Scene - 75% dimming / Relay ON

Absence Scene - 0% dimming / Relay OFF

Remove Manual Control is Enabled

When added to a network, these settings can be changed.

Additional profiles are also selectable for sensor only applications, and sensors for non-dim luminaires.