







Features

- Long range PIR sensor
- IP66 UV resistant enclosure
- Includes an 0-10V control output
- Wide input voltage range 100-277Vac
- Convenient size and easy mounting
- Several Casambi profiles available

Aplications

- Shopping malls
- Warehouses
- Area lighting
- Industrial environments
- Sport facilities

Description

CBU-SENS-HB-010_17M.60x60 is a presence and light sensor with integrated Casambi CBM-003 BLE communication module. This Casambi Ready sensor is compatible with Casambi native and Casambi Ready products and must be linked to a Casambi net in order to function. It is compatible with Casambi BLE4 and also with BLE5 Evolution long range net types.

Use of a high sensitivity PIR and specific lens make it suitable for up to 12m mounting height applications (17m height applications are also possible when contrast between moving objects and background is >4°C).

Linger time and fade time of the presence sensor can be adjusted by use of Casambi free APP (available on Google play and Apple App store). Sensitivity, tolerance/threshold and calibration of the light sensor can also be set with the App.

In addition to presence and luminance sensors, CBU-SENS-HB-010_17M.60x60 incorporates a 0-10V driver controller. This additional function will be enabled when any of the -010 profiles is selected. Presence and light sensor functions appear in the sensors section of the Casambi App; 0-10V controller will show in the luminaires section.

Available profiles and description

CAS-SENS PS-LS-TP-010Lin	Presence & Light Sensor, 0-10V controller with linear dimming curve. (Default profile)
CAS-SENS PS-LS-TP-010Log	Presence & Light Sensor, 0-10V controller with logarithmic dimming
	curve.
CAS-SENS PS-LS	Presence & Light Sensor (without 0-10V controller function).
CAS-SENS PS-LS (NoLED)	Presence & Light Sensor (without 0-10V controller). Presence detection LED OFF

Other profiles available under request.



Technical data

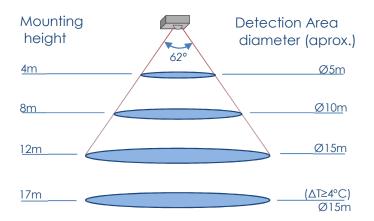
Line voltage 100 - 277Vacc (±10%, 85-305Vac) Line frequency 47 - 63Hz Maximum line current -25mA@220Vac Power consumption. Max. <1W@230Vac Standby power consumption -0.8W@230Vac 0-10V output -10V Current 5mad Mge 230Vac Isolated from line input 7 5mA max. Sinking or Sourcing. Dimming range 0-100K Current Dimming range 0-100K Current Detection range 5mA max. Sinking or Sourcing. Detection range 62%62° [±31° Horizontal, 31° Vertical) Detection range 50 - 1500 hz Photocell Type Unine overvoltage/Catastrophic failure Built in non-replaceable line input fuse Enclosure isolation Class II Ingress protection degree 1966 Operating maximum output power -20°C to +40°C Storage temperature -20°C to +40°C Operating frequencies 2402-2483 MHz Operating frequencies Catomic Built encryption + elliptical Type Catomic Built encryption + elliptical Type	Туре	CBU-SENS-HB-010 17M.60x60		
Line input Maximum line current <25mA@230Vac		Line voltage	100 - 277Vac (±10%. 85-305Vac)	
Power consumption. Max. <1\W@230\Vac	Line input		47 – 63Hz	
Standby power consumption <0,8W@230Vac		Maximum line current	<25mA@230Vac <40mA@115Vac	
Standby power consumption <0,8W@230Vac		Power consumption. Max.	<1W@230Vac	
0-10V output Isolated from line input Yes 0-10V Current SmA max.Sinking or Sourcing. Dimming range 0-100% (0-10V) PiR Detection range 0-100% (0-10V) Detection angle 62%62* (31° Horizontal, 31° Vertical) Detection zones 128 Photocell Type phototransistor. Iuminance range 50 - 1500 k Protections Over temperature Restitable by Casambi App or mains disconnection Uningers protection degree IP66 Environmental Operation ambient temperature -20°C to +70°C Operating frequencies 2402-2483 MHz Storage temperature Closs Storage temperature Vireless class Class 2 Operating frequencies 2402-2483 MHz Operating frequencies Class 2 Operating frequencies Class 2		Standby power consumption	<0,8W@230Vac	
Dimming range 0-100% (0-10V) Type Digital output. High sensitivity. PIR Detection range 17m@4°C difference. Detection angle 62%62° (±31° Horizontal, ±31° Vertical) Detection zones 128 Photocell Type Photocell Uminance range 50 - 1500 k Over temperature Resettable by Casambi App or mains disconnection Enclosure isolation Closs III Ingress protection degree IP66 Operation ambient temperature -20°C to +40°C Storage temperature -20°C to +40°C Operating frequencies 240°2-2483 MHz Operating frequencies 240°2-2483 MHz Operating frequencies 240°2-2483 MHz Mesh type Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Closs 2 Data security Crystography Firmware updates Internal counter. Updatable from APP or by use of external time rafter mains blackout. Imendate updates Internal counter. Updatable from APP or by use of external time			Yes	
Fix Type Digital output. High sensitivity. Detection range 17m8/4*C difference. 12m8/2*C difference. Photocell Detection angle 62*x62* (53)* Horizontal, ±31* Vertical) 24 Photocell Type Human eye response addpted phototransitor. 128 Protections Cover temperature disconnection disconnection Line overvoltage/Catostrophic failure Built in non-replaceable line input fuse Environmental Operation ambient temperature -20°C to +40°C Operation ambient temperature -20°C to +40°C Operation function Storage temperature -20°C to +40°C Operation function Operating metalize 2402-2483 MHz Sol Low energy (BLE) Operating frequencies 2402-2483 MHz Sol Low energy (BLE) Operating frequencies Class 2 Data security Cryptography Firmware updates OTA (Over the air), Internol counter, updatable from APP or by use of externol liner after mains blackout. Meshanced Firmware updates Internol counter, updatable from APP or by use of externol liner after mains blackout. Methanical Polycarobonate U, 94-V2. UV resistant UL 508 20	0-10V output	0-10V Current	5mA max. Sinking or Sourcing.	
Fix Type Digital output. High sensitivity. Detection angle 17m8.4°C difference. 12m8.2°C difference. Detection zones 128 Photocell Type Human eye response addapted Photocell Uninance range 50 - 1500 k Resettable by Casambi App or mains disconnection disconnection Iume overvoltage/Catostrophic failure Built in non-replaceable line input fuse Environmental Storage temperature -20°C to +40°C Operation ambient temperature -20°C to +40°C -20°C to +40°C Operation ambient temperature -20°C to +40°C -20°C to +40°C Operation numidity < 70% RH without condensation -20°C to +40°C Operating requencies 2402-2483 MHz -20°C to +70°C Operating frequencies 2402-2483 MHz -20°C to +70°C Communication Maximum output power +7 dBm Wireless class Otat security Cryptography -7 dBm -7 dBm Wireless class Class 2 -7 dBm -7 dBm Other Firmware updates Intemol counter. Updatable from AP		Dimming range	0-100% (0-10V)	
Pik Detection angle 62°x62° (±31° Horizontal, ±31° Vertical) Detection zones 128 Photocell Type Human eye response adapted phototransistor. Luminance range 50 - 1500 k Resettable by Casambi App or mains disconnection Protections Line overvoltage/Catastrophic failure Enclosure isolation Built in non-replaceable line input fuse Environmental Operation ambient temperature Enclosure isolation Class II Ingress protection degree IP66 Operation ambient temperature -20°C to ±40°°C Operation numidity < 70% RH without condensation Type Operating frequencies 2402-2483 MHz Operating frequency- hopping, spread spectrum mesh technology. Mesh type Self-heading and self-organizing, frequency- hopping, spread spectrum mesh technology. AES128 bit encryption + elliptical cryptography Other Time/date updates Internal counter, Updatable from APP or by use of external time atter mains blackout. Mechanical Weight 150 g Internal counter, Updatable from APP or by use of external time atter mains blackout. Mechanical Fixing points 2 holes at opposite corners. Distances 53 x 38mm 38mm Mechanical			Digital output. High sensitivity.	
Prix Detection angle 62% 42° (±31° Horizontal, ±31° Vertical) Detection zones 128 Photocell Type Human eye response adapted phototransistor. Luminance range 50 - 1500 k Resettable by Casambi App or mains disconnection Protections Line overvoltage/Catastrophic failure Built in non-replaceable line input fuse Enclosure isolation Enclosure isolation Class II Ingress protection degree IP66 Operation ambient temperature -20°C to +60°C Storage temperature -20°C to +60°C Environmental Operation numidity < 70% RH without condensation Type Operation numidity < 70% RH without condensation Mesh type Solf-heading and self-organizing, frequency-hopping, spread spectrum mesh technology. Mesh type Self-heading and self-organizing, frequency-hopping, spread spectrum mesh technology. AES128 bit encryption + elliptical cryptography Time/date updates OtA (Over the air). Internal counter. Updatable from APP or by use of external time after mains blackout. Mechanical Fixing points 2 holes at opposite coners. Distances 53 x 38mm Mechanical Fixing points 2 holes at opposite coners. Distances 53 x 38mm <th></th> <th>Detection range</th> <th>17m@4°C difference. 12m@2°C difference.</th>		Detection range	17m@4°C difference. 12m@2°C difference.	
Photocell Type Human eye response adapted phototransistor. Luminance range 50 - 1500 k Protections Over temperature Resettable by Casambi App or mains disconnection Ine overvoltage/Catastrophic failure Built in non-replaceable line input fuse Enclosure isolation Class I Ingress protection degree IP66 Operation ambient temperature -20°C to +60°C Storage temperature -20°C to +70°C Operation humidity < 70% RH without condensation Type Casambi Bluetooth 4.0.8.5.0 Low energy (BLE) Operation humidity < 70% RH without condensation Type Casambi Bluetooth 4.0.8.5.0 Low energy (BLE) Operating frequencies 2402-2483 MHz Mesh type Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Witeless class Class 2 Data security AFS128 bit encryption + elliptical cryptography Time/date updates Internal temperature is displayed in Casambi App for -010 profiles. Meght 150 g Dimensions (Length x width x height) 95 x	PIK		62°x62° (±31° Horizontal, ±31° Vertical)	
Photocell Type phototransistor. Luminance range 50 - 1500 lx Resettable by Casambi App or mains disconnection Protections Line overvoltage/Catastrophic failure Built in non-replaceable line input fuse Enclosure isolation Class II Ingress protection degree IP66 Operation ambient temperature -20°C to +60°C Storage temperature -20°C to +70°C Operation humidity < 70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operating frequencies 2402-2483 MHz Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Other Firmware updates OTA (Over the air). Internal composition + elliptical cryption + elliptical cryption + elliptical cryption + updatable from APP or by use of external timer after mains blackout. Mechanical Firmware updates OTA (Over the air). Internal composite comers. Distances 53 x 38mm Mechanical Fixing points 2 holes at opposite comers. Distances 53 x 38mm S8mm Colour Colour RAL 7035 (light grey) base and transparent cover Cover		Detection zones	128	
Priorocell Imminiation Luminance range 50 - 1500 k Protections Over temperature Resettable by Casambi App or mains disconnection Ingress protection degree Built in non-replaceable line input fuse Enclosure isolation Class II Ingress protection degree IP66 Operation ambient temperature -20°C to +60°C Storage temperature -20°C to +70°C Operation humidity < 70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operation humidity < 70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operating frequencies 2402-2483 MHz Mesh type Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Data security AFS128 bit encryption + elliptical cryptography Time/date updates Internal temperature is displayed in Casambi App for -010 profiles. Mechanical Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycar		Туре		
Protections Over temperature Resettable by Casambi App or mains disconnection Line overvoltage/Catastrophic failure Built in non-replaceable line input fuse Enclosure isolation Class II Ingress protection degree IP66 Operation ambient temperature -20°C to +60°C Operation humidity <70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operation humidity <70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operating frequencies 2402-2483 MHz Mesh type Self-heading and sef-organizing, frequency- hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Data security AFS128 bit encryption + elliptical cryptography Firmware updates OTA (Over the air). Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Mechanical Fixing points 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) A hop for -010 profiles. 2 holes at oppospoite comers. Distances 5	Photocell			
Over temperature disconnection Protections Line overvoltage/Catastrophic failure Enclosure isolation Built in non-replaceable line input fuse Ingress protection degree IP66 Operation ambient temperature -20°C to +60°C Storage temperature -20°C to +70°C Operation humidity <70°C Operation frequencies 2402-2483 MHz Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Mesh type Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Mireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Time/date updates OTA (Over the air). Internal temperature is displayed in Casambi App for -010 profiles. Mechanical Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) App for -010 profiles. 2 holes at opposite corrers. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RA1 7035 (light grey) base and transparent cover Colour Colour Colour (200				
Enclosure isolation Class II Ingress protection degree IP66 Operation ambient temperature -20°C to +60°C Storage temperature -20°C to +70°C Operation humidity < 70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operation humidity < 70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operating frequencies 2402-2483 MHz Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Mesh type Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Firmware updates OTA (Over the air). Internal temperature is displayed in Casambi App for -010 profiles. App for -010 profiles. Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 xmm (cable gland included) Ables at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508	Protections	Over temperature		
Ingress protection degree IP66 Operation ambient temperature -20°C to +60°C Storage temperature -20°C to +70°C Operation humidity <70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operating frequencies 2402-2483 MHz Mesh type Self-heading and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Firmware updates OTA (Over the cir). Time/date updates Internal counter. Updatable from APP or by use of external timer atter mains blackout. Infernal temperature is displayed in Casambi App for -010 profiles. App for -010 profiles. Mechanical Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Connections Wire section Max. 2.5mm² (Solid or stranded) Wire peeling length 6-8mm Conector screw fastening forque Coloue Colv4/35/UE, (EMC) 2014/35/UE, (ReD) 2011/65/UE,		Line overvoltage/Catastrophic failure	Built in non-replaceable line input fuse	
Operation ambient temperature -20°C to +60°C Storage temperature -20°C to +70°C Operation humidity < 70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operating frequencies 2402-2438 MHz Mesh type Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Data security Crast 2 Firmware updates OTA (Over the air). Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Temperature monitoring Internal temperature is displayed in Casambi App for -010 profiles. Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) 2 holes at opposite corners. Distances 53 x 38mm 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Connections Wire section Max 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Conver Connections Kethate acable diameter 6-12mm		Enclosure isolation	Class II	
Environmental Storage temperature -20°C to +70°C Operation humidity < 70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operating frequencies 2402-2433 MHz Mesh type Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Firmware updates OTA (Over the air). Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Internal temperature is displayed in Casambi App for -010 profiles. Por of 010 profiles. Mechanical Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire section Max. 2,5mm² (Solid or stranded) Mechanical Fixing points 6-8mm Colour Connector screw fastening torque 0.4Nm Insulated cable d		Ingress protection degree	IP66	
Operation humidity < 70% RH without condensation Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operating frequencies 2402-2483 MHz Mesh type Self-healing and self-organizing, frequency- hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Firmware updates OTA (Over the air). Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Temperature monitoring Internal counter. Updatable from APP or by use of external timer after mains blackout. Mechanical Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening forque 0,4Nm Insulated cable diameter 6-12mm		Operation ambient temperature	-20°C to +60°C	
KF Type Casambi Bluetooth 4.0 & 5.0 Low energy (BLE) Operating frequencies 2402–2483 MHz Mesh type Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Firmware updates OTA (Over the dir). Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Internal temperature is displayed in Casambi App for -010 profiles. Prime vight Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Connections Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8m Connector screw fastening torque 0.4Nm Insulated cable diameter 6-12mm	Environmental	Storage temperature	-20°C to +70°C	
Operating frequencies 2402–2483 MHz Mesh type Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Firmware updates OTA (Over the air). Time/date updates OTA (Over the air). Internal counter. Updatable from APP or by use of external timer after mains blackout. Internal temperature is displayed in Casambi App for -010 profiles. Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Colour Mire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0.4Nm Insulated cable diameter 6-12mm		Operation humidity	< 70% RH without condensation	
RF Mesh type Self-healing and self-organizing, frequency-hopping, spread spectrum mesh technology. Maximum output power +7 dBm Wireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Firmware updates OTA (Over the dir). Imendate updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Temperature monitoring Internal temperature is displayed in Casambi App for -010 profiles. Mesh type 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Pixing points 2 holes at opposite corners. Distances 53 x 38mm Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0.4Nm Insulted cable diameter 6-12mm		Туре	Casambi Bluetooth 4.0 & 5.0 Low energy (BLE)	
RF Mesn type hopping, spread spectrum mesh technology. Communication Maximum output power +7 dBm Wireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Firmware updates OTA (Over the air). Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Temperature monitoring Internal temperature is displayed in Casambi App for -010 profiles. Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Phycer Material Polycarbonate UL 94-V2. UV resistant UL 508 Fixing points 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Connectro screw fastening torque 6-8mm Connector screw fastening torque 0.4Nm Mire peeling length 6-8mm Connector screw fastening torque 0.4Nm Clubel diameter 6-12mm		Operating frequencies		
Communication Maximum output power +7 dBm Wireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Firmware updates OTA (Over the air). Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Temperature monitoring Internal temperature is displayed in Casambi App for -010 profiles. Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Connections Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm cover Onector screw fastening torque 0.4Nm 0.4Nm Insulated cable diameter 6-12mm 6-12mm	RF	Mesh type		
Wireless class Class 2 Data security AES128 bit encryption + elliptical cryptography Firmware updates OTA (Over the air). Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Temperature monitoring Internal temperature is displayed in Casambi App for -010 profiles. Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm		Maximum output power		
Data security AES 128 bit encryption + elliptical cryptography Firmware updates OTA (Over the air). Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Temperature monitoring Internal temperature is displayed in Casambi App for -010 profiles. Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connections Wire peeling length Misted cable diameter 6-12mm				
Other Firmware updates OTA (Over the air). Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Temperature monitoring Internal temperature is displayed in Casambi App for -010 profiles. Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,			AES128 bit encryption + elliptical	
Other Time/date updates Internal counter. Updatable from APP or by use of external timer after mains blackout. Image: Temperature monitoring Internal temperature is displayed in Casambi App for -010 profiles. Mechanical Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) 2 holes at opposite corners. Distances 53 x 38mm 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm Directives (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,		Firmware undates		
Other Ilme/date updates use of external timer after mains blackout. Temperature monitoring Internal temperature is displayed in Casambi App for -010 profiles. Mechanical Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) 2 holes at opposite corners. Distances 53 x 38mm 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm Directives (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (ROHS) 2011/65/UE,				
Imperature monitoring App for -010 profiles. App for -010 profiles. 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,	Other	Time/date updates	use of external timer after mains blackout.	
Mechanical Weight 150 g Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,		Temperature monitoring		
Mechanical Dimensions (Length x width x height) 95 x 50 x 55 mm (cable gland included) Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,		Weight		
Mechanical Fixing points 2 holes at opposite corners. Distances 53 x 38mm Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,				
Enclosure Material Polycarbonate UL 94-V2. UV resistant UL 508 Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm Directives (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,	Mechanical		2 holes at opposite corners. Distances 53 x	
Colour RAL 7035 (light grey) base and transparent cover Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,	Mechanical	Enclosure Material		
Colour cover Connections Wire section Max. 2,5mm² (Solid or stranded) Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,				
Wire peeling length 6-8mm Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm Directives (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,		Colour	cover	
Connections Connector screw fastening torque 0,4Nm Insulated cable diameter 6-12mm Directives (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,	Connections		Max. 2,5mm ² (Solid or stranded)	
Connector screw fastening forque 0,4Nm Insulated cable diameter 6-12mm Directives (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,				
Directives (LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2014/53/UE, (RoHS) 2011/65/UE,				
	Directives	(LVD) 2014/35/UE, (EMC) 2014/30/UE, (RED) 2 (REACH) 1907/2006.	014/53/UE, (RoHS) 2011/65/UE,	

EN-V2.0 05 Dec 2022

2



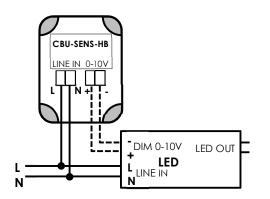
Detection area



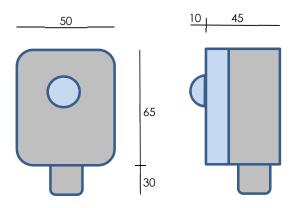
Detection zones distribution on the ground (@12m mounting height)

	Y	10m (32.86
		8m (26.2ft)
		6m (19.7ft)
		4m (13.1#)
		2m(6.6n)
x 22222		0
		2m (6.6h)
		4m (13.11
		6m (19.7m
		8m (26.2h
10m 8m 6m 4m 2m	n 0 2m 4m 6m 8m	10m (32.8r 10m (32.8tt)

Wiring Diagram



Dimensions (mm)



INFINITUM POWER and CASAMBI are registered trademarks. We reserve the right to make any changes without notice in the information reflected herein, not being liable for any harm that this may cause. Due to firmware, software or hardware improvements, previous production batches may not have all the features and profiles indicated in this document.

Œ

3