iTvis®
Lighting First

HOUSE OF SENSORS

QURUS

ESYLUX

01	Surface Mounted PIR ON-OFF Sensor
02	Recess Mounted PIR ON-OFF Sensor
03	Recess Mounted ON-OFF HF Sensor
04	Inbuilt ON-OFF HF Sensor
05	Surface cum Recess Mounted Core+ Sensor
06	Surface Mounted HF Sensor
07	Recess Mounted PLUS Sensor
08	High Frequency Lifebeing Sensor
09	15W Dimming Sensor cum Driver
10	30W Dimming Sensor cum Driver
11	PIR ON-OFF UVC Sensor
12	IP65 High Mounted Sensor
13	IP65 Daylight Harvesting Sensor
14	12V HF Sensor
15	Triproof Sensor
16	Retrofit Sensor
17	PIR Basic Express Sensor
18	PIR ON-OFF Plus Sensor
19	PIR Dimming Flat Round DALI Set
20	PIR Dimming DALI Duo Sensor
21	PIR DALI-2 BMS Sensor
22	PIR DALI-2 APC-10 LMS Sensor
23	PIR DALI-2 APC-30 LMS Sensor
24	PIR KNX Mini Sensor
25	PIR KNX Atmo 6 In 1 Sensor

SURFACE MOUNTED PIR ON-OFF
Passive Infrared Sensor

Model No.: **QRSR-PIR-SMT-RD**

Features

- Passive Infrared Technology
- Occupancy based Auto ON-OFF
- Switch OFF on Daylight
- Demand Driven Switching
- LUX Setting
- Delay Set Time
- Hygiene Switching
- Energy Saving
- Long Life for Lights
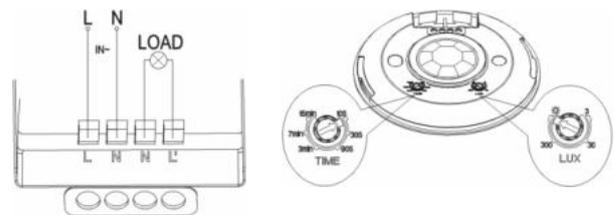- Detection Range : 8 Meter
- Mounting Height: 2-4 Meter

Ideal Applications

- Offices
- Hotels
- Hospitals
- Warehouses
- Passages
- Washrooms
- Trial Rooms
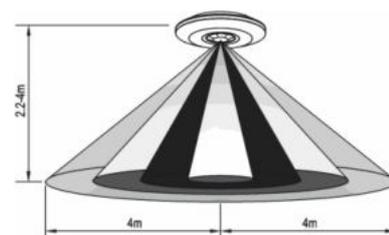- For Automated Switching of any Lights

Specifications

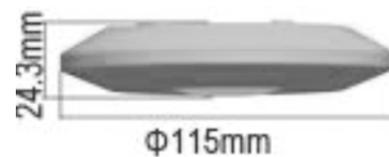|	
Operating Temperature	-20°C, +40°C
Load Capacity	1000W@230Vac (LED Lights)
Technology	PIR (Passive infrared)
Hold time	10 seconds to 15 minutes
Lux Level	3LUX to 2000LUX
Detecting Area (Dia.)	8m (Moving speed 1m/s)
Operation	Fully automatic
Mounting height	2.2m - 4m Max
Detecting Angle	360°
IP Rating	IP20
Protection Class	Class II
Installation	Surface mount
Material	UV stabilized PC

Connection Diagram

Detection Pattern

Dimension

RECESS MOUNTED PIR ON-OFF
Passive Infrared Sensor

Model No.: **QRSR-PIR-RMT-RD**

Features

- Passive Infrared Technology
- Occupancy based Auto ON-OFF
- Switch OFF on Daylight
- Demand Driven Switching
- LUX Setting
- Delay Set Time
- Hygiene Switching
- Energy Saving
- Long Life for Lights
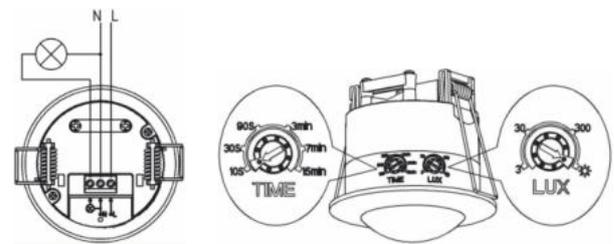- Detection Range : 6 Meter
- Mounting Height: 2-4 Meter

Ideal Applications

- Offices
- Hotels
- Hospitals
- Warehouses
- Passages
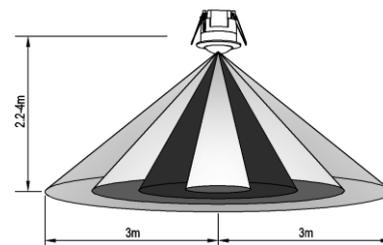- Washrooms
- Trial Rooms
- For Automated Switching of any Lights

Specifications

Operating Temperature	-20°C +40°C
Load Capacity	600W@230Vac (LED Lights)
Technology	PIR (Passive infrared)
Hold time	10 seconds to 15 minutes
Lux Level	3LUX to 2000LUX
Detecting Area (Dia.)	6m (Moving speed 1m/s)
Operation	Fully automatic
Mounting height	2.2m - 4m Max
Detecting Angle	360°
IP Rating	IP20
Protection Class	Class II
Installation	Recessed mount
Material	UV stabilized PC

Connection Diagram

Detection Pattern

Dimension

RECESS MOUNTED HF SENSOR
ON-OFF Sensor

Model No.: **QRSR-HF-RMT-RD**

iTvis®
Lighting First

Features

- High sensitivity
- Works on High Ambient Temperature
- Switch OFF on Daylight also
- Auto ON-OFF
- Hygiene Switching
- Demand Driven Switching
- Energy Saving
- Long Life for Lights
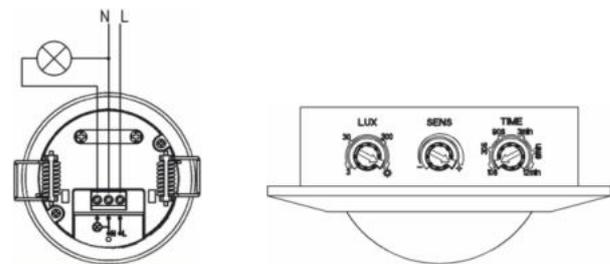- Detection Range : 8 Meter
- Mounting Height: 2-4 Meter

Ideal Applications

- Offices
- Washrooms
- Passages
- Trial Rooms
- For Automated Switching of any Lights

Specifications

Operating Temperature	-20°C +55°C
Load Capacity	300W@230Vac (LED Lights)
Technology	HF (High frequency)
Hold time	10 Seconds to 12 Minutes
Lux Level	3LUX to 2000LUX
Detecting Area (Dia.)	8m (Moving speed 1m/s)
Operation	Fully automatic
Mounting height	2.2 - 4m Max
Detecting Angle	360°
IP Rating	IP20
Protection Class	Class II
Installation	Recessed Mount
Material	UV stabilized PC

Connection Diagram

Detection Pattern
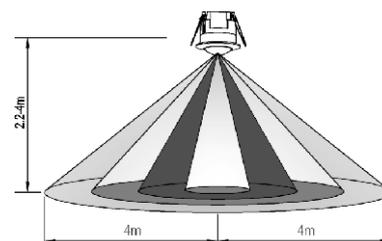
Dimension

ON-OFF INBUILT HF SENSOR

High Frequency Sensor

Model No.: **QRSR-HF-IBT-SQ**

iTvis
Lighting First

Features

- High sensitivity
- Can hide above ceiling
- Works on high ambient temperature
- Switch OFF on daylight
- Auto ON-OFF
- Hygiene switching
- Demand driven switching
- Energy saving
- Long life for lights
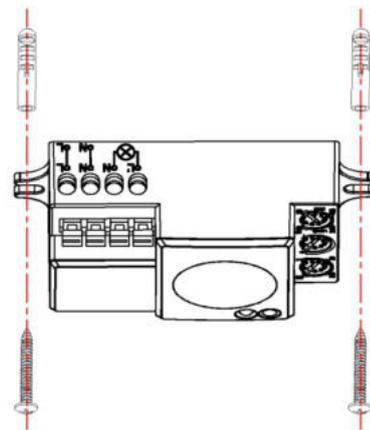- Detection Range : 8 Meter
- Mounting Height: 2-4 Meter

Ideal Applications

- Passages
- Washrooms
- For Automated Switching of any Lights

Specifications

Voltage	220 -240V/AC
Power Frequency	50/60Hz
Ambient Light	<3-2000LUX (adjustable)
HF System	5.8GHz CW radar, ISM band
Time Delay	Min. 10sec±3sec, Max.12min±1min
Rated Load	1200W, 300W
Detection Range	360°/180°
Detection Distance	wall: 5-15m (adjustable), ceiling: 1-8m (radius), adjustable
Transmission Power	<0.2mW
Installing Height	Wall 1.5-3.5m, Ceiling: 2-8m
Detection Motion Speed	0.6-1.5m/s

Installation

Connection Diagram

LOAD

N   L
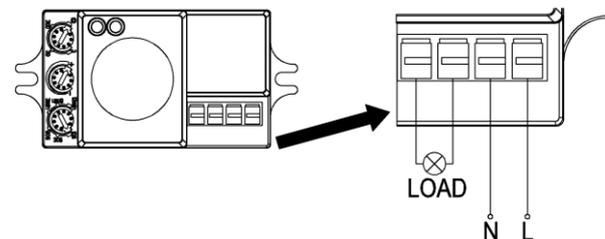
SURFACE CUM RECESS MOUNTED CORE+ SENSOR
PIR Sensor with Mask

Model No.: **QRSR-IR-0004**

IP44

Features

- Presence detector with 360° field of detection for ceiling mounting.
- Detection Range of up to 16m in the diameter.
- Parameters can be set by rotating knob.
- High performance relay for 1000W LED Load.
- Compact size.
- Factory setting for immediate operational readiness.

Ideal Applications

- Offices
- Industries
- Hospitals
- Hotels
- Warehouses
- Trial Rooms
- For Automated Switching of any Lights

Specifications

|	
Operating Temperature	-20°C, +40°C
Load Capacity	1000W@230Vac (LED Lights)
Technology	PIR (Passive infrared)
Hold time	10 seconds to 30 minutes
Lux Level	3LUX to 2000LUX
Detecting Area (Dia.)	6~16m (moving speed 1m/s)
Operation	Fully automatic
Mounting height	2.2m - 4m Max
Detecting Angle	360°
IP Rating	IP44
Protection Class	Class II
Installation	Surface mount
Material	UV stabilized PC

Connection Diagram
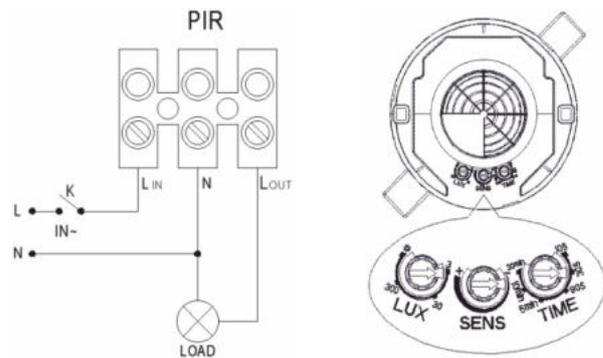
Detection Pattern
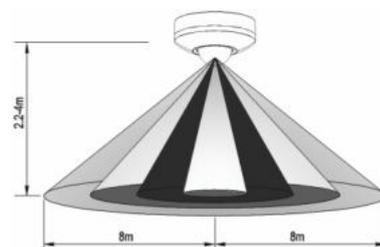
Dimension
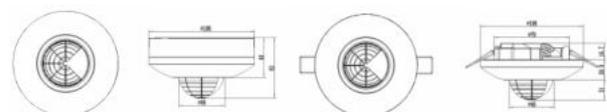
SURFACE MOUNTED HF SENSOR
High Frequency Sensor

Model No.: **QRSR-HF-SMT-RD**

iTvis ®
Lighting First

Features

- High Sensitivity.
- Works on High Ambient Temperature.
- Switch OFF on Daylight.
- Hygiene Switching.
- Demand Driven Switching.
- Energy Saving.
- Long life of lights.
- Detection Range: 1-8mtr.
- Lux Setting.
- Delay Set Time.
- Sensitivity Adjustment.

Ideal Applications

- Offices
- Washrooms
- Passages
- Trial Rooms
- For Automated Switching of any Lights

Specifications

Voltage	220-240V/AC
Power Frequency	50/60Hz
Ambient Light	<3-2000LUX (adjustable)
Time Delay	Min.10sec±3sec Max.12min±1min
Rated Load	2000W - 1000W
Detection Range	360°
Detection Distance	1-8m (radius), adjustable
HF System	5.8GHz CW radar, ISM band
Transmission Power	<0.2mW
Installing Height	2-6m
Power Consumption	approx. 0.9W
Detection Motion Speed	0.6-1.5m/s

Installation
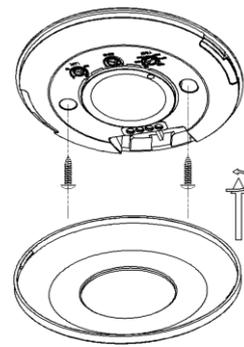
Connection Diagram
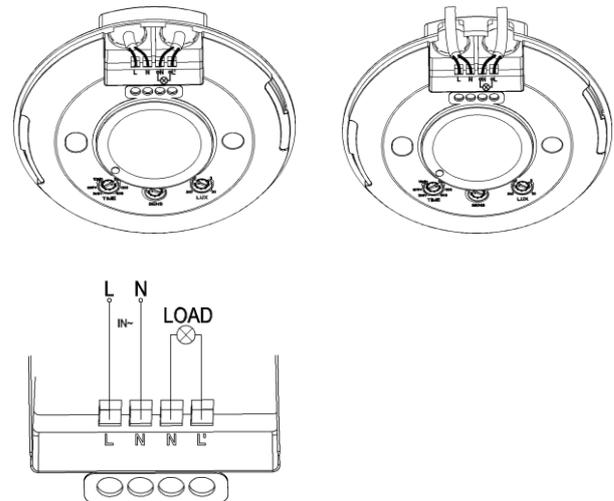
RECESS MOUNTED 2 CHANNEL PLUS SENSOR

PIR Sensor with 2 Channel Relay

Model No.: **QRSR-PIR-RMT-2C**

Features
- Specially designed 2 channel sensor for Light+HVAC or Fan
- Presence detector with 360° field of detection
- Two Channel sensor for Light + HVAC
- Range of up to 6m in diameter at a recommended
- Installation height of 2.2 - 4 m
- High performance relay for 600W LED Load
- Maximum 5A relay for HVAC load on channel 2
- Factory setting for immediate operational readiness.

Ideal Applications
- Offices
- Industries
- Hospitals
- Hotels
- Warehouses
- Trial Rooms
- For Automated Switching of any Lights

Specifications

Operating Temperature	-20°C, +40°C
Load Capacity	CH1: 230V, Max. 600W LED, CH2: 230V, Max. 800W Max. 5A
Technology	PIR (Passive Infrared)
Hold time	CH1: 10 sec.-30 min, CH2: 10 sec.-60 min
Lux Level	<3-2000 Lx
Detecting Area (Dia.)	6m max(<24°)
Operation	Fully Automatic
Mounting height	2.2 - 4m
Detecting Angle	360°
IP Rating	IP20
Protection Class	II
Installation	Recess
Material	UV stabilised PC

Connection Diagram
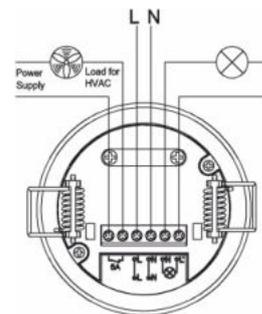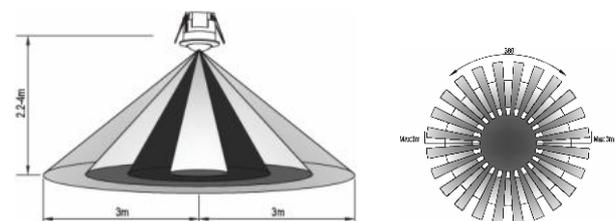
Connect HVAC   Connect Light
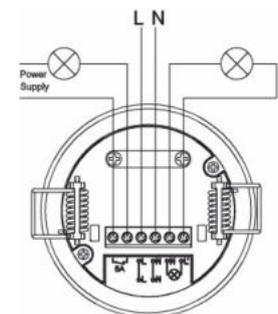
*Use suitable contactor while connecting HVAC load

Detection Pattern

Dimension

HIGH FREQUENCY LIFEBEING SENSOR
High Sensitivity Sensor

Model No.: **QRSR-HF-RMT-LB**

iTvis
Lighting First

IP44
SURFACE

Features

- Specially designed Life Being sensor for high sensitivity.
- Built-in daylight sensor for energy saving.
- Support flush mounting installation.
- All parameters can be set via DIP switch & remote control.
- Low impedance antenna for environmental adaptation.

Ideal Applications

- Offices
- High Sensitivity Areas

Specifications

|	
Operating Temperature	0°C, +50°C/Humidity: 85% (Non condensing)
Load Capacity	400W (Inductive); 800W (Resistive)
Technology	High Frequency
Hold time	5S/30S/1/3/5/10/20/30Min
Daylight Sensor	5lux/30lux/50lux/100lux/150lux/ Disable
Detecting Area (Dia.)	8m adjustable to 100%/75%/50%/25%
Operation	Fully automatic
Mounting height	Recommend 2.5-4m
Detecting Angle	150° (wall mount), 360° (ceiling mount)
IP Rating	IP20 / Surface: Ip44
Protection Class	Class II
Installation	Flush mounted
Material	UV stabilised PC

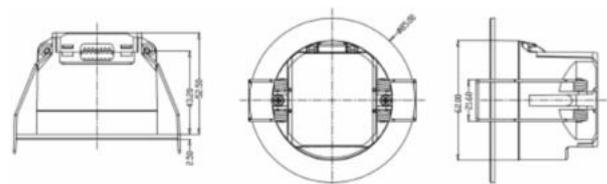***Accessories (Optional)**
IR Remote
Model Number: QR-CT-HF-1001

Connection Diagram

Detection Pattern

Ceiling mounted 3m
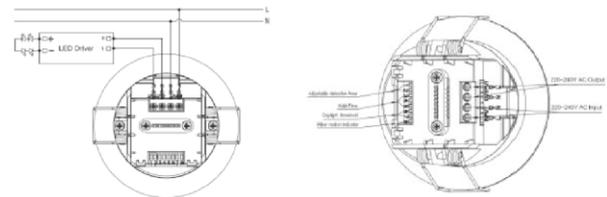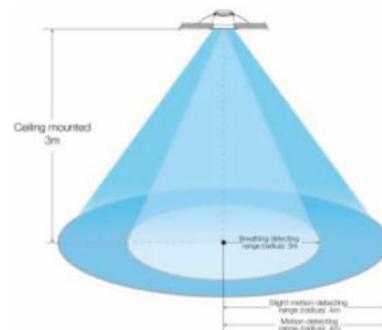
Dimension

15W DIMMING SENSOR CUM DRIVER
High Frequency - 15W

Model No.: **QRSR-HF-IDR-15**

Features

- Dimmable LED Driver with Integrated motion sensor
- DIP setting to adjust sensor parameters
- Compact size design, can be built-in most of light fixtures.
- Adjustable Detection range
- Inbuilt Sensor for daylight harvesting.
- Constant current LED Driver
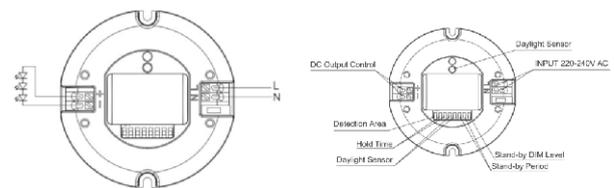- DIP setting to adjust output current.
- 15W, 350mA, 22-42V.
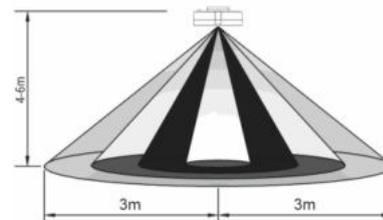
Ideal Applications

- Downlights
- 1x1 Troffers

Specifications

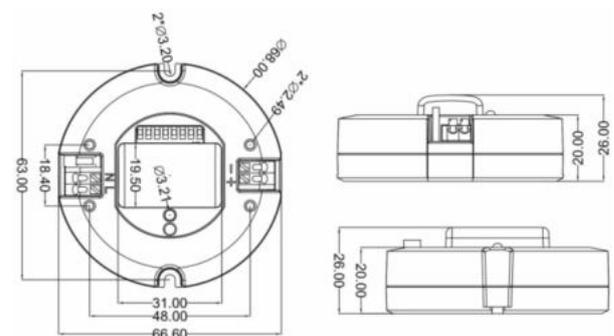|	
Operating Temperature	-25°C, +50°C
Technology	HF (High Frequency)
Hold time	5S/1min/5min/10min
Daylight Sensor	5Lux/25Lux/50Lux/Disable
Operation	Fully Automatic
Mounting height	6m Max.
Detecting Radius	4-6m (mounting height 3m)
IP Rating	IP20
Protection Class	Class II
Installation	150° (wall mount), 360° (ceiling mount)
Material	UV stabilised PC

Connection Diagram

Detection Pattern

Dimension

30W DIMMING SENSOR CUM DRIVER
High Frequency - 30W

Model No.: **QRSR-HF-IDR-30**

Features

- Dimmable LED Driver with Integrated motion sensor
- DIP setting to adjust sensor parameters
- Compact size design, can be built-in most of light fixtures.
- Adjustable Detection range
- Inbuilt Sensor for daylight harvesting.
- Constant current LED Driver
- DIP setting to adjust output current.
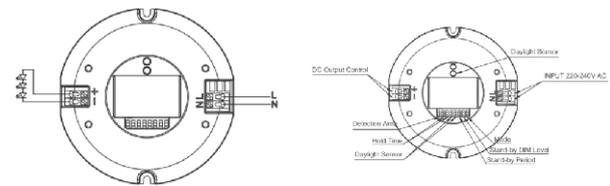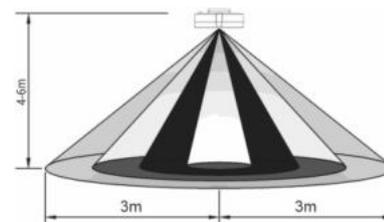- 30W, 700mA, 22-42V.

Ideal Applications

- Downlights
- 1x1 Troffers

Specifications

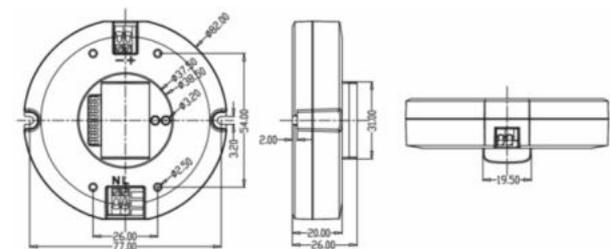|	
Operating Temperature	-25°C, +50°C
Technology	HF (High Frequency)
Hold time	5S/1min/5min/10min
Daylight Sensor	5Lux/25Lux/50Lux/Disable
Operation	Fully Automatic
Mounting height	6m Max.
Detecting Radius	4-6m (mounting height 3m)
IP Rating	IP20
Protection Class	Class II
Installation	150° (wall mount), 360° (ceiling mount)
Material	UV stabilised PC

Connection Diagram

Detection Pattern

Dimension

PIR ON-OFF UVC SENSOR
2 Channel

Model No.: **IS-PS360/16 UV**

Features
- Second Channel to switch UV-C lights safely in absence of people
- Presence detector with 360° field of detection for ceiling mounting
- Range of up to 16m in the diameter at a recommended installation height of 2.2m
- 16 A high-performance relay
- Zero-cross switching for gentle switching
- Factory setting for immediate operational readiness

## Ideal Applications
- Hospital
- Classroom
- Offices

Specifications

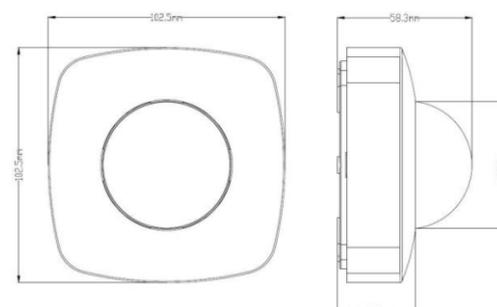|	
Installation type	Surface mounting
Material	UV-stabilised PC
Protection type	IP20
Operating Temperature	-20°C ...+40°C
Protection class	II
Installation height	2.2m-6m
Level of brightness	<3-2000 Lx
Mode	Fully automatic
Function	Switching
Switch-off delay time	10 sec. to 30min

Connection Diagram
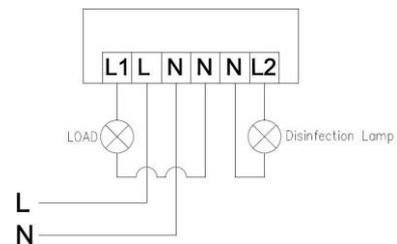
Field of Detection
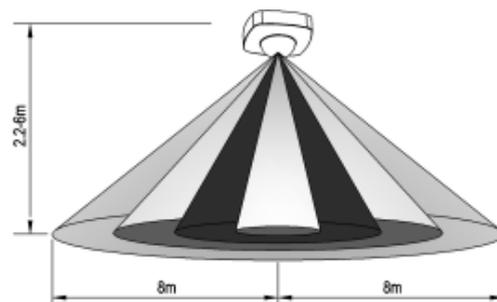
Dimension

IP65 HIGH MOUNTED SENSOR
ON-OFF & Dimming Sensor

Model No.: **QRSR-HF-HMT-DM**

iTvis ®
Lighting First

IP65

Features
- Range: 15 meter.
- Mounting Height: 3-15 Meter.
- Maximum Load: 400W.
- Switch off at 100% daylight.
- Patented high frequency antenna
- Supports high/low sensitivity modes
- Works on high ambient temperature
- Work with 1-10V dimmable LED driver
- Adjustable setting with remote control
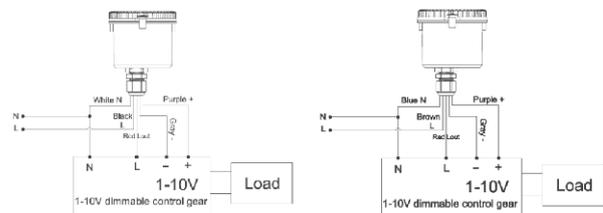
Ideal Applications
- Highbay (with 1-10V Dimmable Driver)
- Washrooms

Specifications

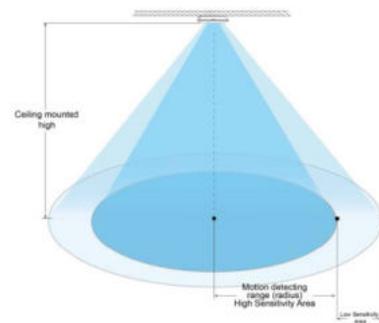|	
Operating Temperature	-35°C, +55°C
Load Capacity	120VAC: 4A;220-277VAC: 3A
Technology	HF (High Frequency)
Hold time	5s/30s/1/3/5/10/20/30min
Daylight Sensor	Daylight threshold: 5lux/15lux/30lux/ 50lux/100lux/150lux/ Disable (no shadow or ambient light diffuse reflection reflection)
Detecting Area (Dia.)	25%/50%/75%/100%
Operation	Fully Automatic
Mounting height	15m Max.
Detecting Angle	150° (wall mount), 360° (ceiling)
IP Rating	IP65
Protection Class	Class II
Installation	Independent
Material	UV stabilised PC

*Accessories (Optional)
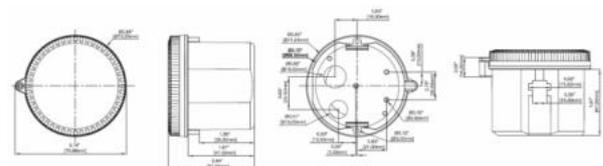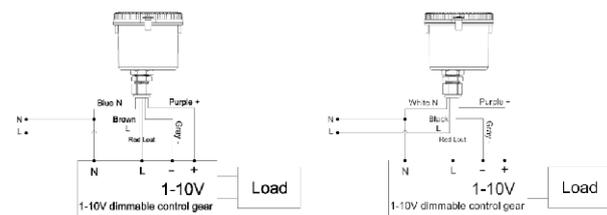Highbay Remote
Model Number: QR-CT-HF-1003

Connection Diagram

Detection Pattern

Dimension

IP65 DAYLIGHT HARVESTING SENSOR
High Mounted HF Sensor

Model No.: **QRSR-HF-DH**

iTvis
Lighting First

IP65

Features

- Motion based ON-OFF & Dimming.
- Orientation lighting & Daylight Harvesting.
- Detection Range: 12-16 meter.
- Mounting Height: 3-15 meter.
- Max Load: 400W.
- Patented high frequency antenna
- Supports high / low sensitivity modes
- Works on high ambient temperature
- Work with 1-10V dimmable LED driver
- Adjustable setting with remote control

Ideal Applications

- Warehouses
- Industries
- Outdoor Applications

Specifications

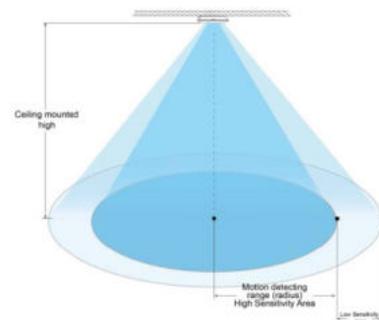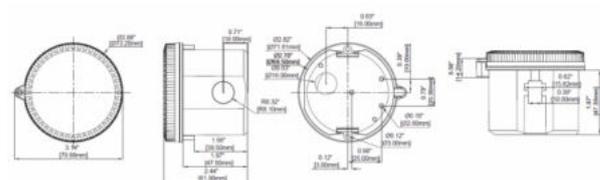|	
Operating Temperature	-35°C, +55°C
Load Capacity	120VAC: 4A;220-277VAC: 3A
Technology	HF (High Frequency)
Hold time	5s/30s/1/3/5/10/20/30min
Daylight Sensor	5lux/15lux/30lux/ 50lux/100lux/150lux/ Disable (Ambient light diffusion)
Detecting Area (Dia.)	25%/50%/75%/100%
Operation	Fully Automatic
Mounting height	15m Max.
Detecting Angle	150° (wall mount), 360° (ceiling)
IP Rating	IP65
Protection Class	Class II
Installation	Independent
Material	UV stabilised PC

***Accessories (Optional)**
Highbay Remote
Model Number: QR-CT-HF-1003

Connection Diagram

Detection Pattern

Dimension

12V HF SENSOR
ON-OFF & Dim

Features

- 12Vdc±1V input, compatible with DC systems & LED drivers
- 0–10V dimming with 2/3-step function
- Patented sensor antenna with dual detection modes (high sensitivity / interference immunity)
- Compact design for industrial lamps, edge or center UFO mounting
- 15m max installation height, ideal for warehouses
- Adjustable-angle patented remote control
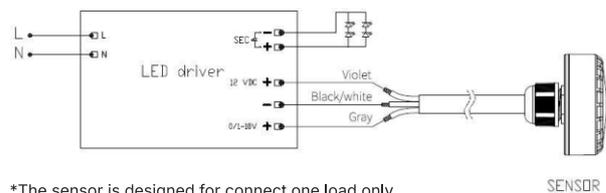- Dim+/Dim- for occupancy light level setting
- 2-year warranty

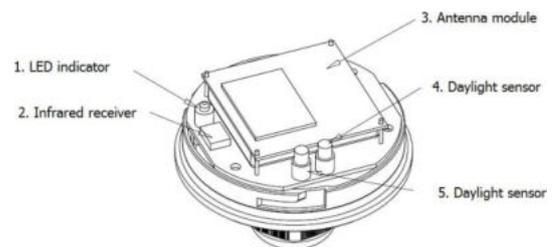## Ideal Applications

- Highbay
- Street Light

Specifications

Operating Temperature	-
Technology	HF (High Frequency)
Hold time	-
Daylight Sensor	5lux/15Lux/30Lux/50Lux/100lux/150lux/Disable
Operation	-
Mounting height	15m Max
Detecting Radius	See detection pattern
IP Rating	IP65
Protection Class	Class II
Installation	External mounting, Integrated mounting
Material	-

Wiring

*The sensor is designed for connect one load only.
Connect more than one loads may damage the sensor.

Structure

1. LED indicator
2. Infrared receiver
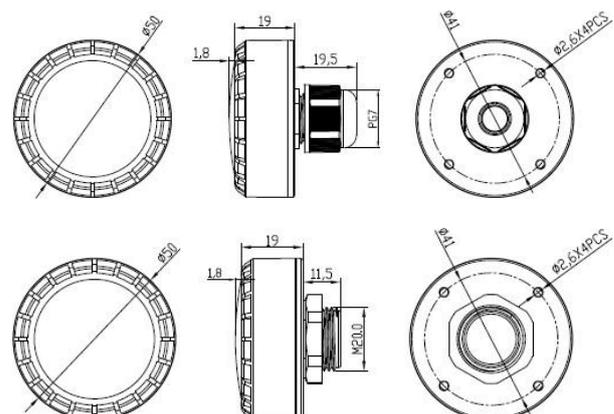3. Antenna module
4. Daylight sensor
5. Daylight sensor

Dimension

TRIPROOF SENSOR
ON-OFF & Dimming Sensor

Model No.: **QRSR-TP-HF-OF-DIM**

Features

- Use patented 5.8GHz Low Impedance Microwave Antenna, anti wireless interference, such as Wi-Fi, Bluetooth, 5G etc.
- ON/OFF & Dimming function.
- Parameters can be set by DIP switch.
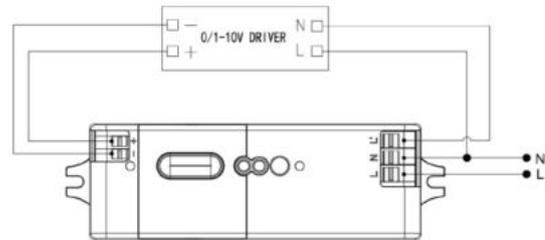- Compact size for Independent flush mounting.
- 2 years warranty.

## Ideal Applications

- Industrial Batten
- 2X2
- 4X1

Specifications

|	
Operating Temperature	25°C...+60°C
Technology	-
Hold time	5S/30s/1Min/3Min/5Min/ 10Min/20Min/30Min
Daylight Sensor	5lux/15Lux/30Lux/50Lux/ 100lux/15 0lux/ Disable
Operation	ON/OFF function, 1-10V step dimming
Mounting height	6m Max
Detecting Radius	≥3m(mount height 3m, moving speed 1m/s)
IP Rating	IP20
Protection Class	Class II
Installation	Built-in
Material	-

Wiring

Structure
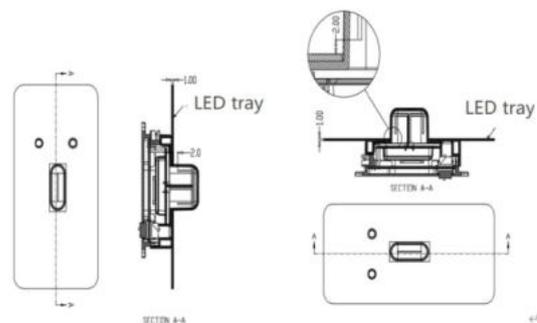
Dimension
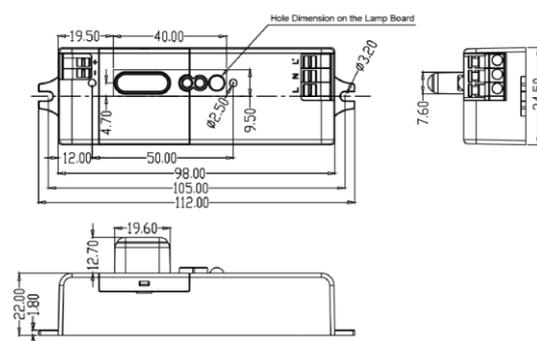
RETROFIT SENSOR
ON-OFF

Model No.: **QRSR-TP-HF-OF**

Features
- Ultra-slim design for Tri-proof LED light.
- Patented antenna design makes reliable detecting, avoid missing triggered when sensor built-in backside of metal LED plate.
- Adjustable detecting sensitivity via DIP switches, suitable to variety of installation sites.
- Support 6m Max. Mounting height.
- 2 years warranty.

Ideal Applications
- Industrial Batten
- 2X2
- 4X1

Specifications

|	
Operating Temperature	-25°C...+60°C
Technology	-
Hold time	5s//30s/90s/5min/20min/30min
Daylight Sensor	2Lux/10Lux/30Lux/50Lux/Disable
Operation	ON/OFF function
Mounting height	6m Max.
Detecting Radius	3-10m(mounting height 3-4m) 2-8m(mounting height 6m)
IP Rating	IP20
Protection Class	Class II
Installation	Built-in
Material	-

Wiring
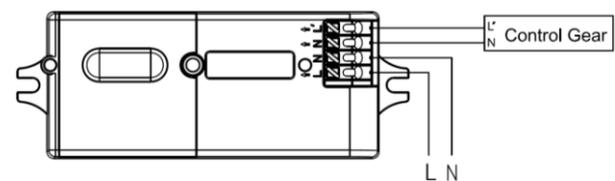
*The sensor is designed to connect one load only.
Connect more than one load may damage the sensor.

Structure
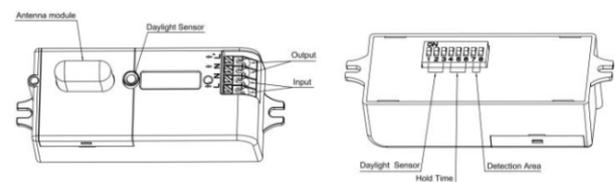
Dimension
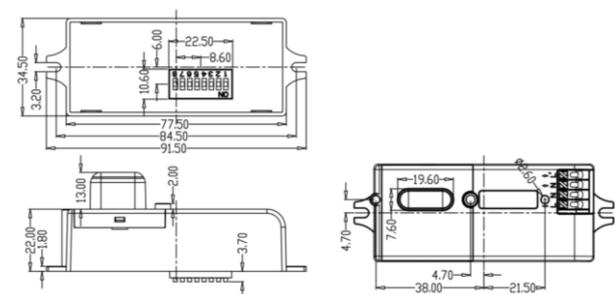
PIR BASIC EXPRESS SENSOR
Remote Compatible

Model No.: **EB10431784**

Features

- Presence detector with 360° detection angle for recessed ceiling mounting
- Range of up to 8 m in diameter at a recommended installation height of 2.5 m
- 10 A high-performance relay
- Zero-cross switching for gentle switching
- Factory settings mean the device is ready for immediate use
- Easy to confgure via remote control or using the ESY-Pen and ESY-App
- Zero-cross switching
- Easy to confgure, remotely control and document using the ESY-Pen and ESY-App

## Ideal Applications

- Offices
- Industry
- Institutions

Specifications

|	
Installation type	Recessed ceiling mounting
Type of connection	Push terminal
Material	UV-stabilised polycarbonate
Protection type	IP23
Operating Temperature	-25 °C...+50 °C
Control system	ON/OFF
Protection class	II
Installation height	2.5 m
Detection angle	360°
Level of brightness	10 – 2000 lx
Operating Mode	Semi-automatic, Fully automatic
Function	Switching
Switch-off delay time	15 s...30 min (adjustable in steps)

Dimension
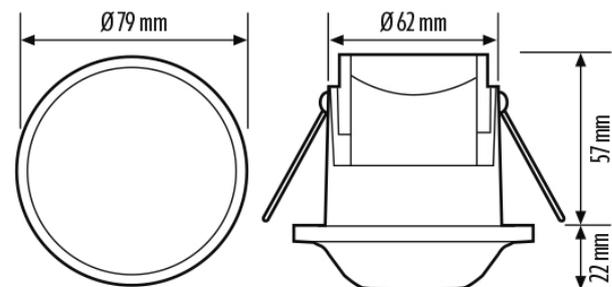
Field of Detections
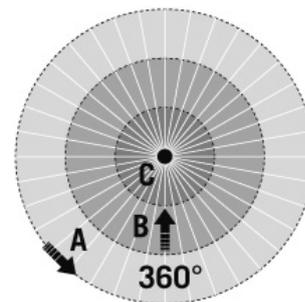
Circuit Diagram
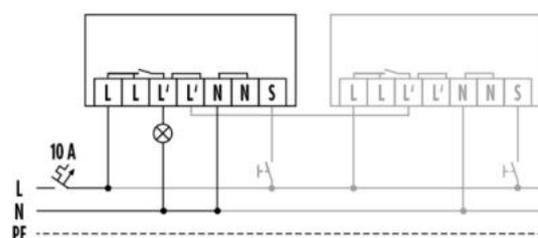
PIR ON-OFF PLUS SENSOR
2 Channel for Light + HVAC

Model No.: EP10425042

iTvis®
Lighting First

ESYLUX
Germany

Features

- Presence detector with 360° feld of detection for ceiling mounting
- Range of up to 8 m in diameter at a recommended installation height of 3 m (maximum height 5 m) for use in small rooms and passageways with natural lighting
- Additional foating HVAC switch contact (channel 2) for controlling heating, ventilation and air conditioning depending on presence
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability
- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

Ideal Applications

- Offices
- Industry
- Institutions

Specifications

|	
Installation type	Flush-mounted/Device socket Ø 68 mm
Type of connection	Push terminal
Material	UV-stabilised polycarbonate
Protection type	IP20
Operating Temperature	-25 °C...+50 °C
Control system	ON/OFF
Protection class	II
Installation height	3m
Detection angle	360°
Level of brightness	5 – 2000 lx
Mode	Semi-automatic, Fully automatic
Function	Switching
Switch-off delay time	300s...120 min (adjustable)

Dimension
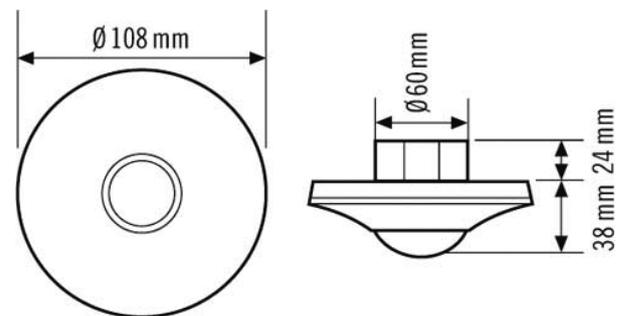
Field of Detections
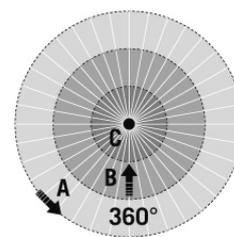
Circuit Diagram
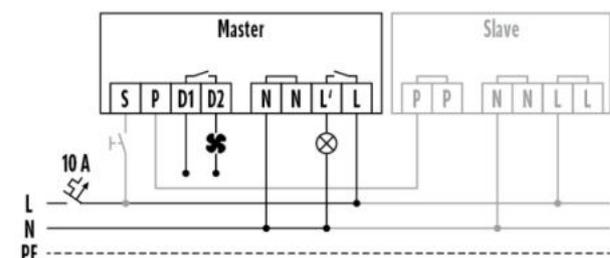
PIR DIMMING FLAT ROUND DALI SET

DALI Broadcast Sensor with Power Supply

Model No.: EP10428708

iTvis
Lighting First

ESYLUX
Germany

Features

- DALI design presence detector with excellent detection capabilities, at least 8 m in diameter
- Automatic light control by DALI or DALI-2 control gear to aconstant brightness level depending on presence and daylight
- Set: DALI bus power supply 200mA included in delivery
- Presence and daylight dependent constant light control
- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

Ideal Applications

- Offices
- Institutions
- Hotels

Specifications

|	
Installation type	Flush-mounted/Device socket Ø 68 mm
Type of connection	Push terminal
Material	UV-stabilised polycarbonate
Protection type	IP20
Operating Temperature	-25 °C...+50 °C
Control system	DALI
Protection class	III
Installation height	2.5 m
Detection angle	360°
Level of brightness	3 – 1000 lx
Mode	Semi-automatic, Fully automatic
Function	Switching, Regulate, Dimming, Broadcast
Switch-off delay time	60 s...240 min (adjustable in steps)

Dimension
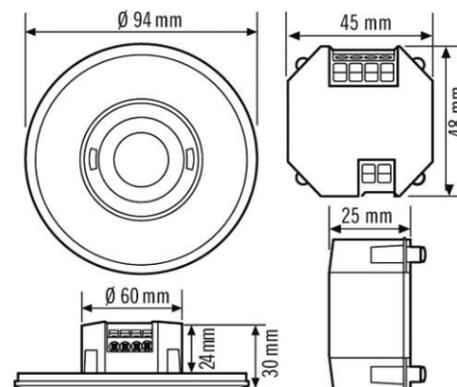
Field of Detections
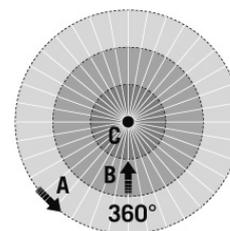
Circuit Diagram
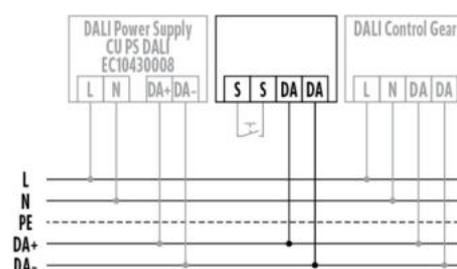
PIR DIMMING DALI DUO SENSOR

2 Channel DALI Broadcast Sensor

Model No.: EP10427442

Features

- Presence detector with 360° feld of detection for ceiling mounting
- Range of up to 8 min the diameter at a recommended installation height of 3 m
- Automatic light control by DALI or DALI-2 control gear to aconstant brightness level depending on presence and daylight
- Presence and daylight dependent constant light control
- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App
- Broadcast control of DALI and DALI-2 control gear

Ideal Applications

- Meeting Rooms
- Institutions

Specifications

|	
Installation type	Flush-mounted/Device socket Ø 68 mm
Type of connection	Push terminal
Material	UV-stabilised polycarbonate
Protection type	IP20
Operating Temperature	-25 °C...+50 °C
Control system	DALI
Protection class	II
Installation height	3m
Detection angle	360°
Level of brightness	100 – 2000 lx
Mode	Semi-automatic, Fully automatic
Function	Switching, Regulate, Dimming, Broadcast
Switch-off delay time	60 s...240 min (adjustable in steps)

Dimension
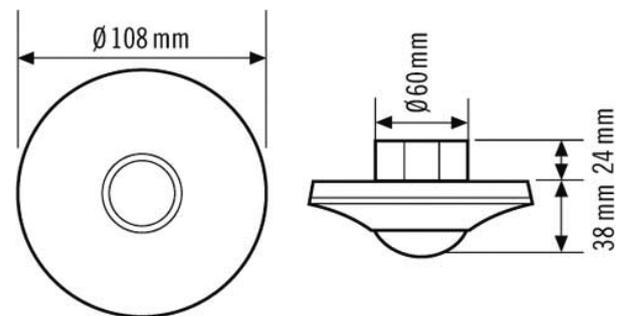
Field of Detections
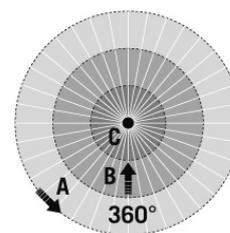
Circuit Diagram
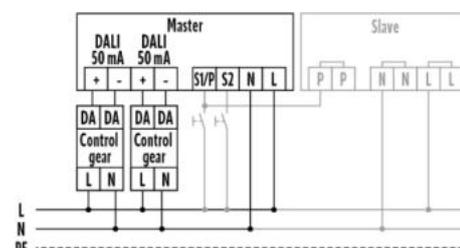
PIR DALI-2 BMS SENSOR
DALI-2 Certified

Model No.: EP10428203

Features
- DALI-2-certifed ceiling-mounted presence detector for use as an input device for DALI-2 lighting systems
- Multi-room light management in combination with APC presence detectors
- Can alternatively be integrated into third-party building management systems with a DALI-2 interface
- Surface mounting or recessed ceiling mounting with accessories

Ideal Applications
- Office
- Institutions

Specifications

|	
Installation type	Flush-mounted/Device socket Ø 68 mm
Type of connection	Push terminal
Material	UV-stabilised polycarbonate
Protection type	IP20
Operating Temperature	-25 °C...+50 °C
Control system	DALI-2
Protection class	II
Installation height	3m
Detection angle	360°
Level of brightness	5 – 2000 lx
Function	Send values

Dimension
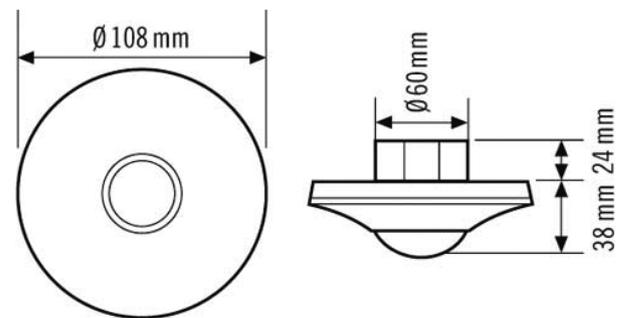
Field of Detections
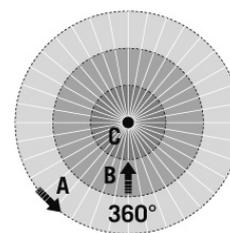
Circuit Diagram
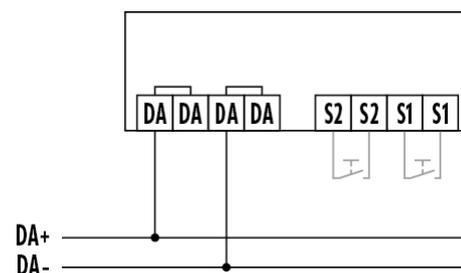
PIR DALI-2 APC-10 LMS SENSOR

Inbuilt Power Supply & Controller

Model No.: **EP10428142**

Features

- DALI-2-certifed ceiling-mounted presence detector with integrated DALI-2 control unit and power supply (250 mA)
- Simple adaptation to individual and complex room situations
- Presence and daylight dependent constant light control for optimum energy effciency
- Automatic switching of groups if room usage changes
- Cross-room and individual control of up to 16 groups and 16 scenes
- Up to 64 DALI devices controllable
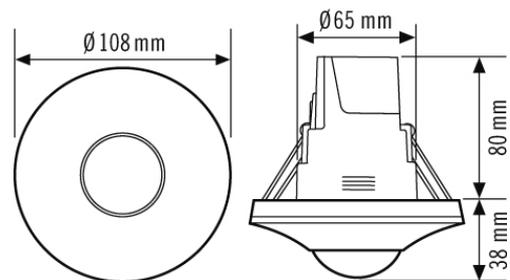- Simple parameterisation, remote control and documentation with ESY-App
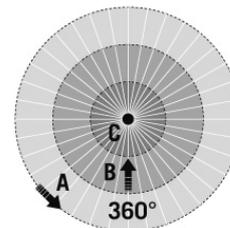
Ideal Applications

- Office
- Institutions

Specifications

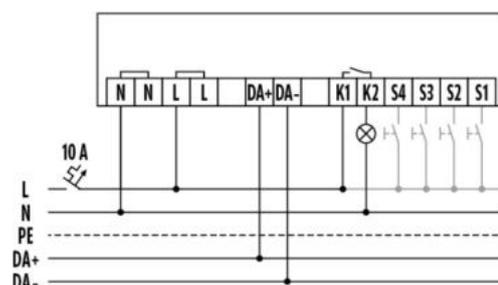|	
Installation type	Recessed mounting
Type of connection	Push terminal
Material	UV-stabilised polycarbonate
Protection type	IP20
Operating Temperature	-25 °C...+50 °C
Control system	DALI-2
Installation height	3m
Detection angle	360°
Level of brightness	5 – 2000 lx
Mode	Semi-automatic, Fully automatic
Function	Regulate, Control, Dimming, Switching
Switch-off delay time	5 min

Dimension

Ø 108 mm   Ø 65 mm   80 mm   38 mm

Field of Detections

360°

Circuit Diagram

N N L L DA+ DA- K1 K2 S4 S3 S2 S1

10 A

L
N
PE
DA+
DA-

PIR DALI-2 APC-30 LMS SENSOR

Inbuilt Power Supply & Controller

Model No.: EP10428302

iTvis
Lighting First

ESYLUX
Germany

Features

- DALI-2-certifed ceiling-mounted presence detector with integrated DALI-2 control unit and power supply (250 mA)
- Multi-room light control of up to 16 groups
- Adaptive HCL light control for energy-effcient human centric lighting (SymbiLogic)
- Cross-room and individual control of up to 16 groups and 16 scenes
- Presence and daylight dependent constant light control
- Weekday and time-dependent control of functions
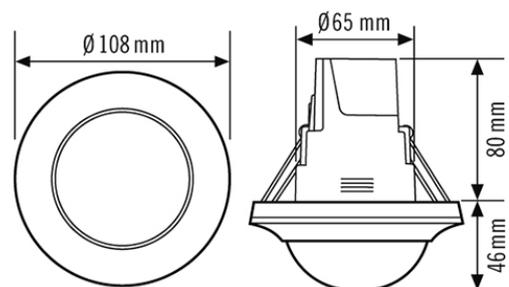- Simple parameterisation, remote control and documentation with ESY-App

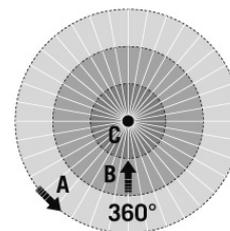## Ideal Applications

- Office
- Institutions

Specifications

Installation type	Recessed mounting
Type of connection	Push terminal
Material	UV-stabilised polycarbonate
Protection type	IP20
Operating Temperature	-25 °C...+50 °C
Control system	DALI-2
Installation height	3m
Detection angle	360°
Level of brightness	5 – 1000 lx
Mode	Semi-automatic, Fully automatic
Switch-off delay time	5 min

Dimension

Ø 108 mm   Ø 65 mm   80 mm   46 mm

Field of Detections

360°

Circuit Diagram

N N L L   DA+ DA-   K1 K2 S4 S3 S2 S1
10 A
L
N
PE
DA+
DA-
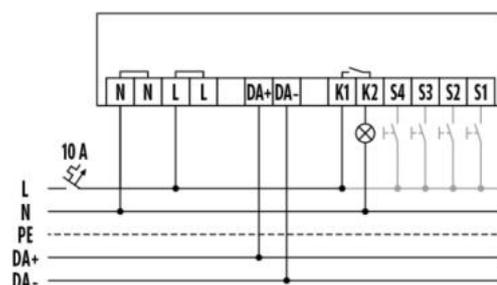
PIR KNX MINI SENSOR
Light + Presence
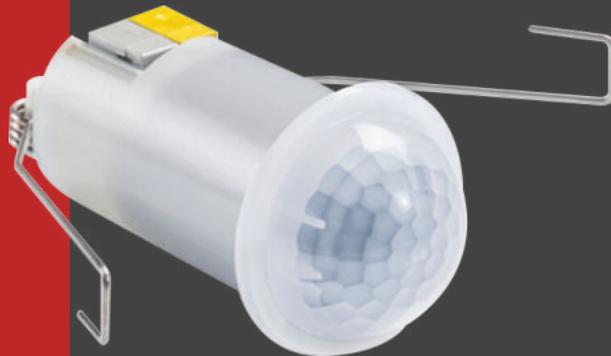
Features

- KNX Mini presence detector with 360° feld of detection for recessed ceiling mounting
- Range of up to 8 m in the diameter at a recommended installation height of 3 m
- For use in KNX (EIB), TP (twisted pair) bus system in conjunction with other KNX components
- Parameter and function settings via ETS (Engineering Tool Software)
- Presence and daylight dependent constant light control
- KNX functions: Alarm, twilight switch, brightness detection, scene telegram via object

Ideal Applications

- Office
- Institutions

Specifications

|	
Installation type	Recessed mounting
Type of connection	Push terminal
Material	UV-stabilised polycarbonate
Protection type	IP55
Operating Temperature	-25 °C...+50 °C
Control system	KNX
Protection class	III
Installation height	3m
Detection angle	360°
Level of brightness	5 – 2000 lx
Mode	Semi-automatic, Fully automatic
Function	Switching
Switch-off delay time	10 s...720 min (adjustable in steps)

Dimension
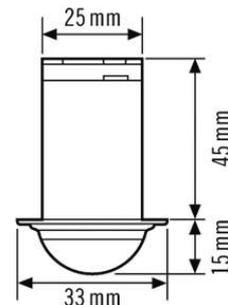
Field of Detections
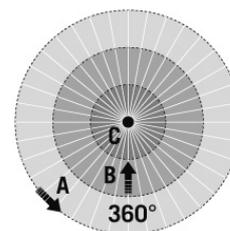
Circuit Diagram
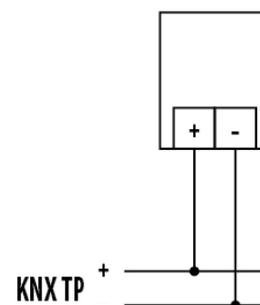
PIR KNX ATMO 6 IN 1 SENSOR

Light, Presence, Temperature, Humidity, Acoustic, VOC

Model No.: **EP10427213**

Features

- KNX recessed ceiling-mounted presence detector with 360° feld of detection
- In-built acoustic sensor perfect for use in areas with a complex layout
- For use in KNX (EIB), TP (twisted pair) bus system in conjunction with other KNX components
- Sensor devices: Temperature, acoustics, light, presence
- Presence and daylight dependent constant light control
- KNX functions: Alarm via object, twilight switch (1 object), brightness detection via object, light-dependent motion detection, scene telegram via object, night-light feature (7 colours available)

Ideal Applications

- Office
- Institutions

Specifications

|	
Installation type	Flush-mounted/Device socket Ø 68 mm
Type of connection	Push terminal
Material	UV-stabilised polycarbonate
Protection type	IP20
Operating Temperature	-25 °C...+50 °C
Control system	KNX
Protection class	III
Installation height	3m
Detection angle	360°
Level of brightness	5 – 2000 lx
Mode	Semi-automatic, Fully automatic
Function	Switching, Regulate
Switch-off delay time	10 s...60 min (adjustable in steps)

Dimension

Field of Detections

Circuit Diagram

i
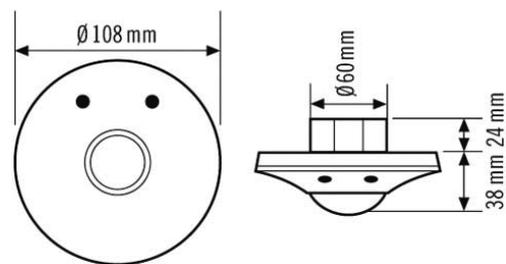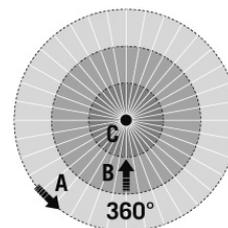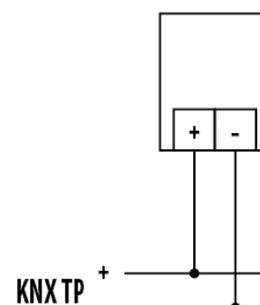
One Stop Source for Intelligent Lighting & Automation