

1. Gateway & Bridge Series
2. Dimming Series
3. Relay Series
4. Climate Series
5. Guest Room Series
6. Human Interface Series

| 7. I/O SERIES

7.12 Standalone Motion Sensor, Indoor Ceiling **MSI302C**

8. Power Supply Series
9. Multiroom Audio Series
10. Motorization Series



I DESCRIPTION

The Green IoT CONTROLS (Green IoT) MSI302C Standalone Motion Sensor, Indoor Ceiling is a GreenBUS output device that allows powerful control via PIR sensing. It incorporates a tamper switch for use in security applications.

It has an LED indicator (green) that indicate the status of the device sensor. The standalone PIR sensor if used with any Green IoT digital input it can allow the control of lighting, curtains, climate control, security and many others.

Additionally, and aside from controlling individual channels it allows group control of Zone and Category.

It also incorporates advanced control features of Scene, Sequence, Timer and Event though the same digital input.

I DEVICE FEATURES

PIR Motion sensor.

Tamper switch.

Built-in digital output.

Built-in 5V output.

Plastic mask can be optionally used to reduce motion detection angle.

LED status indicator (green), which can indicate the status of the devices sensors.

False trigger feature to save energy wastage via Green IoT digital input device.

Pre-warning feature to alert occupant before turning lights off via Green IoT digital input device.

Eye strain protection feature via Green IoT digital input device.

Provide integration with security and safety systems directly or via Green IoT digital input device.

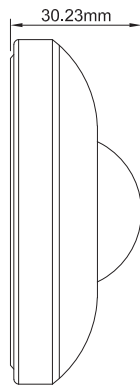
Incorporates Zone and Category grouping via Green IoT digital input device.

CE & RoHs certified.

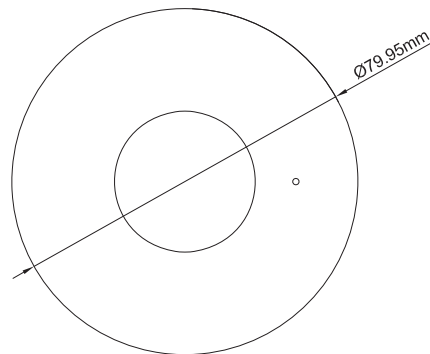
I TECHNICAL SPECIFICATIONS

Operation Voltage:	DC 24V ±10% (BUS Powered)
Power Consumption:	15mA ±10%
Channel:	2 Digital outputs, 1 5V output
Working Temperature:	0°C ~ +55°C
Storage Temperature:	-10°C ~ +55°C
Working Humidity:	20% ~ 90%
Storage Humidity:	10% ~ 90%
Color:	White
Installation:	Indoor Ceiling
Device Dimension:	79.95x79.95x30.23mm (WxHxD)
Packing Dimension:	120x115x65mm (WxHxD)
Net Weight:	55g
Gross Weight:	95g
Operation and Display:	Green LED, for displaying the physical status
CE Mark:	In accordance with EMC and LVD
Protection Class:	IP20, EN60 529

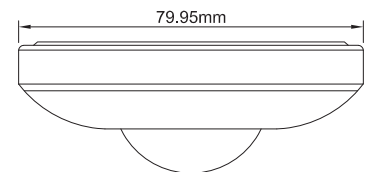
I DIMENSIONS



Side View



Front View



Top View

I INSTALLATION

Step 1:

Connect the wires to the device plugin terminals and screw the base to ceiling (see Figure 1).

Step 2:

Place the cover on the base using the guiding slots and rotate to secure it in place (see Figure 1).

Step 3:

Wire other terminals end wires in accordance with wiring diagram (see Figure 2).

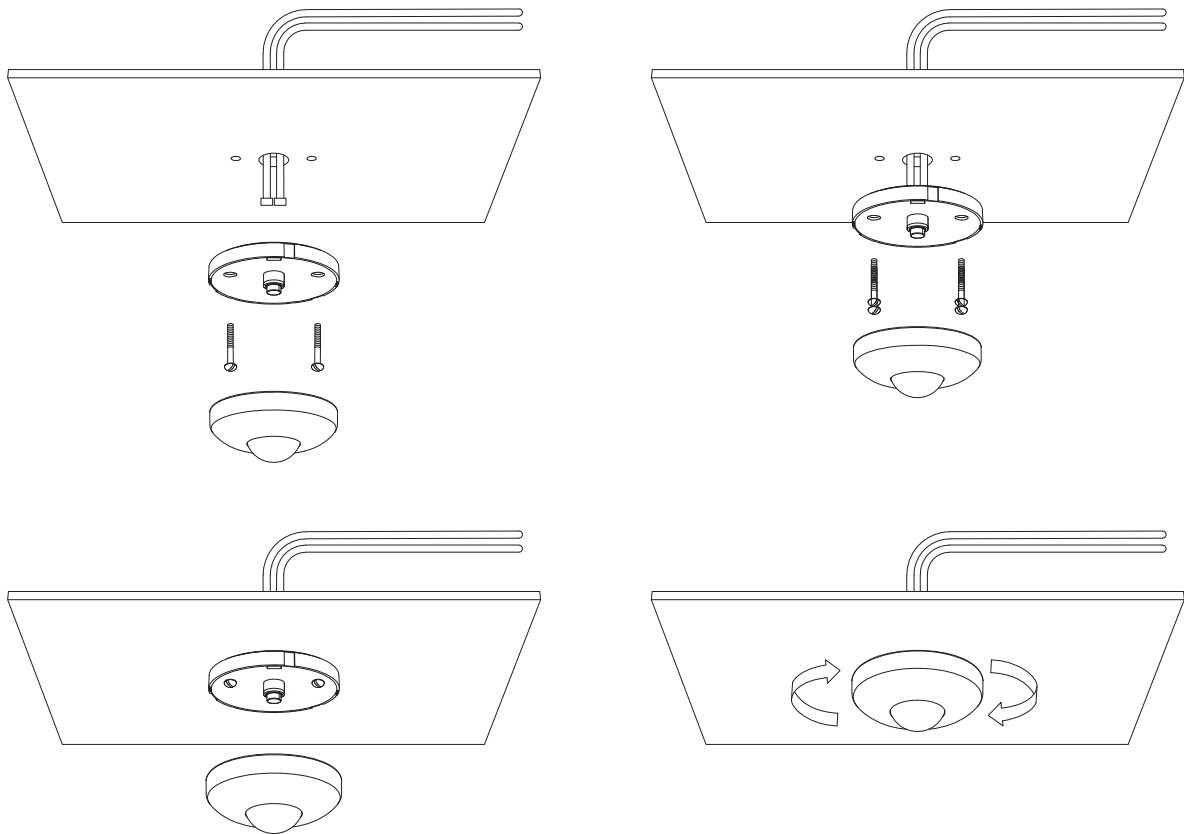


Figure 1

WIRING DIAGRAM

- Digital Output- - - - -
- Digital Output+ ———
- PIR ———
- Ground - - - - -
- Tamper- - - - -
- Tamper+ ———
- Ground - - - - -
- 24+ ———

1. Digital Output Wires
2. Base
3. Screw Hole
4. Cover
5. Power and Tamper Wires
 - TP-, Tamper-
 - TP+, Tamper+
 - G. Ground
 - 24+, 24V+ Input

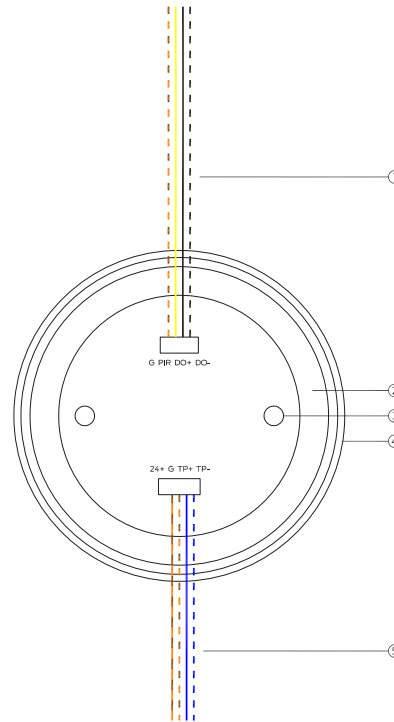


Figure 2: Wiring Diagram

RECOMMENDED CABLES

Module power input cable:

2.0mm² electrical copper wire.

Load output wire:

2.0mm² electrical copper wire.

Recommended cable configuration:

- GND = Brown and White + Orange and White
- B-(B)= Blue and White + Green and White
- B+(A)= Blue + Green
- 24V = Brown + Orange

