






CLOUD-INTELLIGENT
**INDOOR DUAL
MOTION & LIGHT
SENSOR**
POWERED BY PoE+

1) PACKAGE CONTENT

PACKAGE CONTENT			
ITEM	PoE Motion/ Light Sensor	Lens Shield	Quick Start Guide
QUANTITY	1	2	1

2) PRODUCT DESCRIPTION

2.1 Features

This flush-mountable Passive Infrared Motion Detector is ideal for an indoor installation. It will trigger lights to automatically power on when an occupant enters its monitored space and power off when the space becomes vacant. App-controlled Lux, Time, and Duration-adjusting functions allow the user to conveniently control conditions of motion detection.

2.2 Dimensions (See Fig 1-A and Fig 1-B)

Fig 1-A

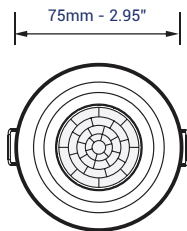
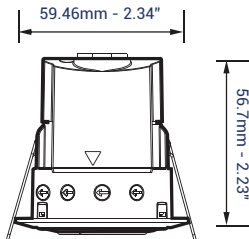


Fig 1-B



3) INSTALLATION & WIRING

3.1 Select a Proper Location

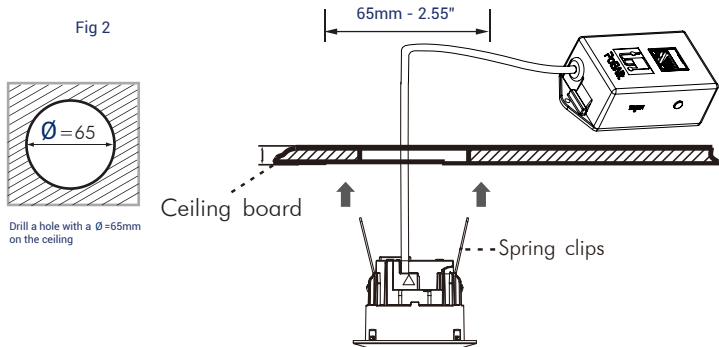
Unit can be installed at a height of 2-4m (6.56 - 13.12ft). At a height of 2.5m (8.02ft), the detection range can reach up to 8m (26.24ft) in diameter with a 360-degree detection angle.

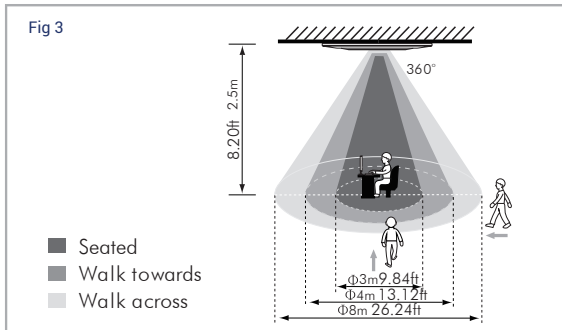
3.2 Installation Procedure

- a. Drill a hole with a diameter of 65mm (2.55") on the ceiling sheet . rock. (See Fig 2)
- b. Connect a Cat Cable to the MD-2 PoE Driver

- c. Insert the MD-2 PoE Driver into the drilled hole cavity
- d. Close two spring clips of detector and insert detector into the drilled hole

Fig 2

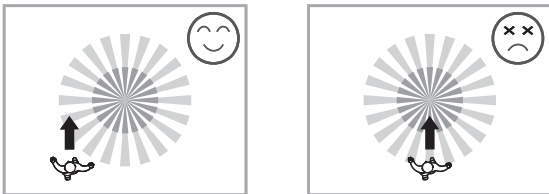




Height	Walk Across	Walk Towards	Seated
6.56ft 2.0m	22.96ft Φ 7m	9.84ft Φ3m	9.84ft Φ3m
8.20ft 2.5m	26.24ft Φ 8m	13.12ft Φ4m	9.84ft Φ3m
9.84ft 3.0m	29.52ft Φ 9m	13.12ft Φ4m	19.84ft Φ3m
11.48ft 3.5m	32.80ft Φ10m	13.12ft Φ4m	6.56ft Φ2m
13.12ft 4.0m	13.12ft Φ 8m	13.12ft Φ4m	N/a

Note: The unit is more sensitive to movement across than to movement towards the detector. Detection coverage is reduced when walking directly towards the unit. (See Fig 3 & 4)

Fig 4



3.3 Helpful Tips for Installation

WARNING: The detector will respond to temperature changes.

- Avoid pointing the detector towards highly-reflective surfaces (such as mirrors, glass, etc.)
- Avoid mounting the detector near heat sources (such as heating vents, air conditioners, lights, etc.)
- Avoid aiming the detector towards objects which may sway in the wind (such as curtains, tall plants, etc.) (See Fig 5-A & 5-B)

Fig 5-A

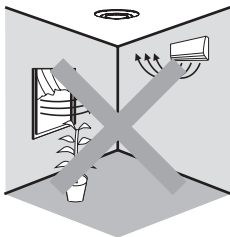
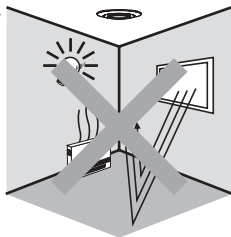


Fig 5-B



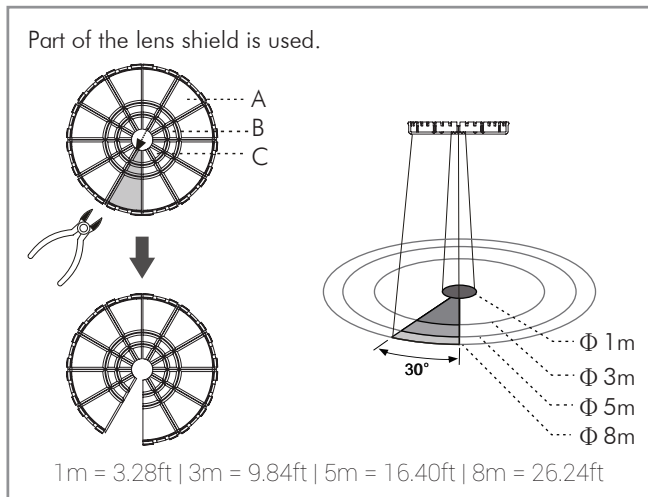
4) SHIELD

4.1 Usage of Lens Shield

The MD-2 has two (2) lens shields for masking the undesired detection area. (See Fig 6)

Used Lens Shield	Covered Detection Range
None	26.24ft Φ 8m
Small Segment	30° per piece
A+B+C	3.28ft Φ 1m
A+B	9.84ft Φ 3m
A	16.40ft Φ 5m

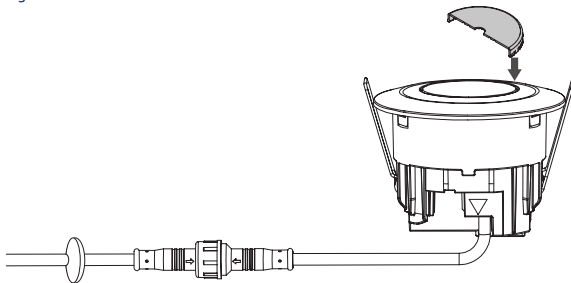
Fig 6



The shadow of the lens shield in Fig 6 represents the area excluded from detection.

After selecting the desired detection area, the redundant lens shield should be illuminated. Fixing lens shield: There is slot around the lens; insert the lens shield into slot. (See Fig 7)

Fig 7



5) CONFIGURATION INSTRUCTIONS

Power on the device. You should automatically be connected to the Internet. You are now ready to download and install the PoEWit app. Search "PoEWit" in the Apple App Store or Google Play.

NOTE: Your device and mobile phone must both have an Internet connection through the same external IP address and must be on the same local subnet.



After initial configuration, a PoE Wit wall switch and/or PoE Wit motion detector PIR can control the lights should the Internet connection go down.



6) TROUBLESHOOTING

When the MD-2 works abnormally, check the “problems and suggested solutions” table below.

Problem	Possible Cause	Suggested Solution
Nuisance triggered	There are heat sources, highly-reflective objects, or other objects which may sway in the wind within the detection coverage range.	Avoid aiming the detector towards any heat sources, such as air conditioning units, electric fans, heaters, or any highly-reflective surfaces. Verify that there are no swaying objects within the detection coverage range.