IDK360 – Ceiling Mounted Microwave Occupancy Detector

HF System: 5.8GHz CW radar, ISM band

Transmission Power: <10mW

Power Sourcing: 12VDC

Cut-off delay: 10sec.~30min. - adjustable

Detection Range: 360°

Installation height: 1.5~3.5m
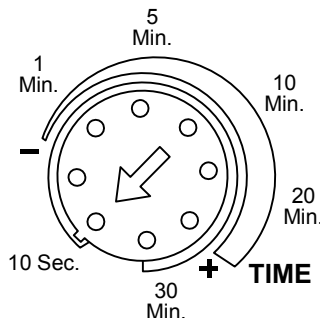
Detection Distance: 1-8m radius - adjustable

Sensing indicator: Red LED (can be cancelled)

Polarity: Normally open/close – selectable
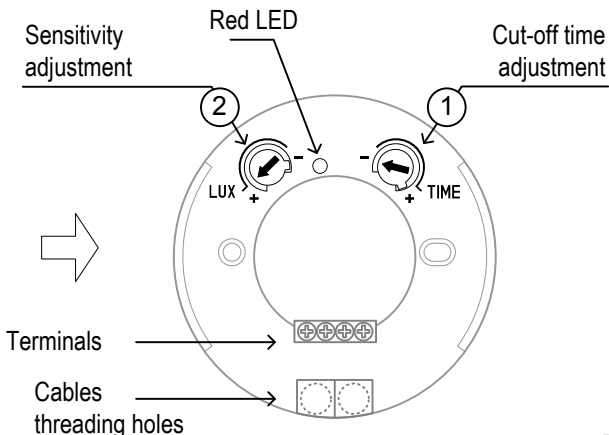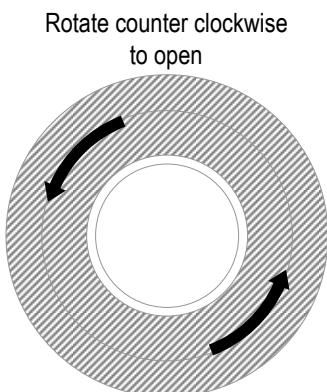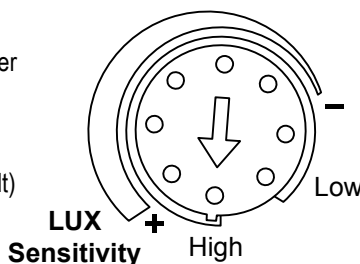
Dimensions: Diameter 105mm, Height 25mm

① Cut-off delay time

- Rotate the outer ring counter clockwise and separate it from the base.
- Use the right knob (TIME) to adjust delay:
  - Extend the delay - Rotate clockwise (30 minutes max.)
  - Reduce the delay - Rotate counter clockwise (10 seconds min. - default)

② Adjusting the sensitivity

- If required – repeat the steps above to separate the outer ring from the base.
- Use the left knob (LUX) to adjust the sensitivity:
  - Higher sensitivity - Rotate counter clockwise (default)
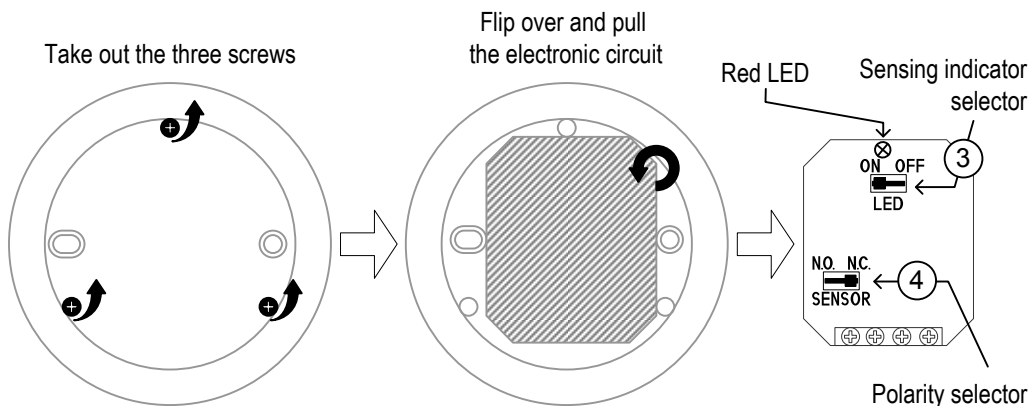 - Lower sensitivity - Rotate clockwise

Rotate counter clockwise to open

Sensitivity adjustment

Red LED

Cut-off time adjustment

Terminals

Cables threading holes

Pg. 1

www.meitavtec.com | info@meitavtec.com

meitav-tec

③ Enable/Disable the Red sensing indicator

- Flip over the sensor, take out the three screws and separate the back panel.
- Gently, pull the electronic circuit out.
- Using the top (LED) 2-position selector, select between:
  - ON (left position) – LED indicator active (default).
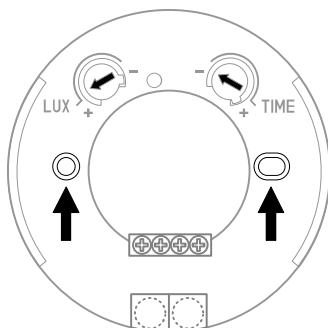 - OFF (right position) – LED indicator disabled.

ON OFF
LED

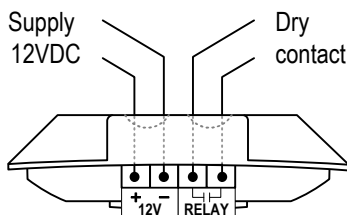## ④ Selecting sensor polarity

- If required – repeat the steps above to separate the back panel.
- Using the left (SWITCH) 2-position selector on the top, select between:
  - NO (left position) – Contact closed when occupied.
  - NC (right position) – Contact open when occupied (default).

N.O. N.C.
SENSOR

Take out the three screws

Flip over and pull
the electronic circuit

Red LED   Sensing indicator selector

ON OFF
LED ③

N.O. N.C.
SENSOR ④

Polarity selector

Sensor installation

LUX   TIME

Wiring diagram

Supply 12VDC   Dry contact

+ −
12V   RELAY

- Rotate the outer ring counter clockwise and separate it from the base
- Release the cables threading holes.
- Install the sensor using the two attached screws.

Pg. 2

www.meitavtec.com | info@meitavtec.com

meitav-tec