# THC-1104-COT

## ADVANCED ACCESS DETECTOR (TMS PLUS SERIES)

### Package Content

① THC-1104-COT x 1   ② Power Adapter x 1   ③ Screws x 4
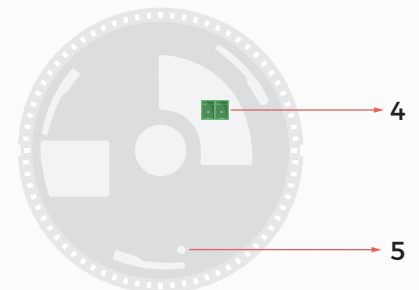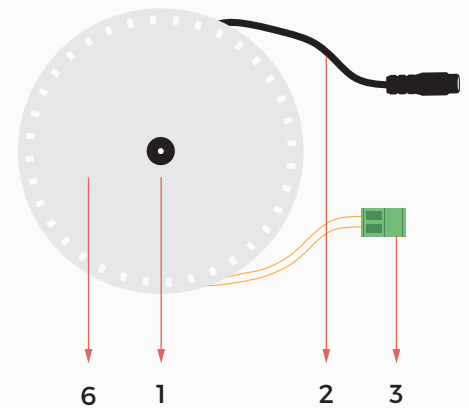④ Wall Anchors x 2   ⑤ User Manual x 1

## FEATURES

· Support Wifi2.4GHz 802.11 b/g/n
· 110° x 75° Wide angle Field of View
· Thermal Wave (32 x 24 Temperature matrix)
· Additionally equip with distance detector to improve accuracy
· Privacy Protection/ Hack proof
· Detect the falling down to reduce the following risk
· Able to detect the unusual high temperature
· Support counting people flow
· Send the results directly to other devices via RS-485
· No need of edge computing controller

## SPECIFICATION I/O INTERFACE

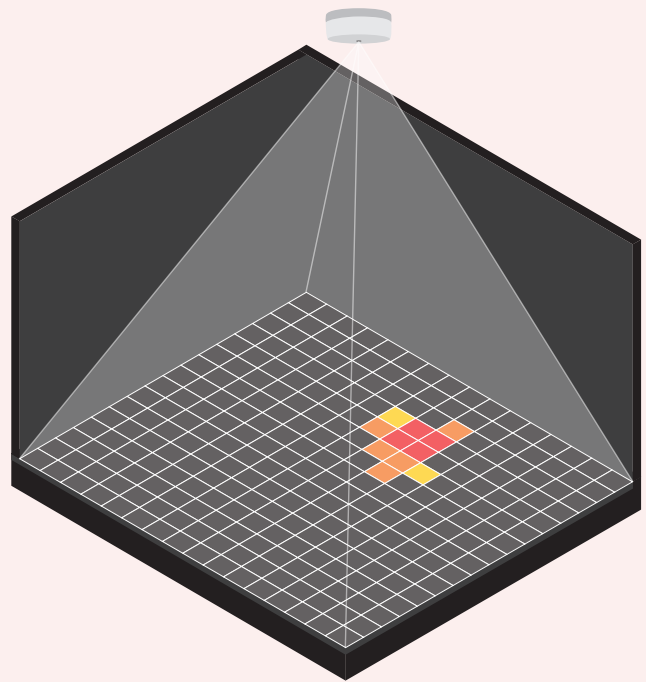| | |
|---|---|
| Thermal Sensor Field of View (FOV) | 110°x75° |
| Thermal Sensor Detection Resolution | 32x24 pixels |
| Detection Temperature Range | -40°C ~ 300°C (-40°F ~ 572°F) |
| Embedded SD card | 16GB |
| Screws | 4 pcs |
| Wall Anchors | 2pcs |
| Distance Detection | 24GHz mm WAVE |

## OTHERS

| | |
|---|---|
| Power Adapter | 12V 1A |
| Power Consumption | Up to 3W |
| Operating Temperature | -20°C to 75°C (4°F to 167°F) |
| Storage Temperature | -40°C to 85°C (-40°F to 185°F) |
| Atmosphere Transmission Correction | Auto |
| Enclosure | Plastic |
| Weight | 250g |
| Device Dimension | 110x 110x 25mm (4.3x 4.3x 1 inches) |
| Encryption | AES256 |
| Frequency | 4 fps |

6   1   2   3

4
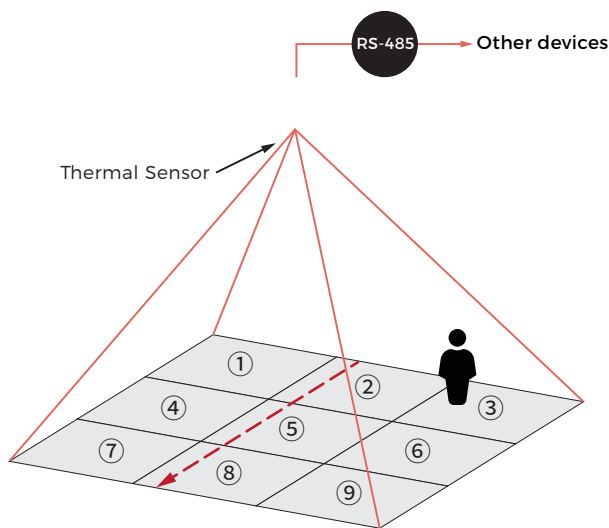
5

1) Power Input
Connect to power supply (pigtail)

2) Thermal Sensor
To detect the 32x24 thermal grids

3) RS-485 Serial Port
Connect to other devices with RS-485

4) Power Input
Connect to power supply
(phoenix connector)

5) Button
To reset the system

6) Distance Senor
To detect the distance of the object

# TECHNOLOGY

Based on thermal image to analyze and identify emergency situation



# APPLICATION



Thermal Sensor

RS-485 → Other devices

| Event | Example | Note |
|-------|---------|------|
| 1 | 3   1 | right to left |
| 2 | 4   9 | left to right |
| 3 | 2   8 | front to back |
| 4 | 7   3 | back to front/ left to right |
| 5 | one person in area 3 | one person in specific area |
| 6 | environment temperature | to know the temperature |

# SUPPORT

1) Calibration Available

2) Sensitivity Adjustment

3) Event Setup

4) Provide Temperature data every 10 minutes.

5) Provide RWD Setting Page