

EN 50131-2-4:2020
EN 50131-1+A1+A2+A3
Environment Class II
Security Grade2
Tested by TÜV Rheinland

English

1 Appearance

- PIR sensitivity jumper
- LED jumper
- Alarm EOL pin
- Terminals
- Tamper EOL pin
- Tamper
- PIR sensor
- LED indicator
- Microwave sensor

2 Installation

3 Resistor Wiring

Relay Status

	Normal	PIR & Microwave Alarm	PIR Fault	Microwave Fault	Tamper
Alarm Relay	Close	Open	Open	Close	Close
Tamper Relay	Close	Close	Close	Close	Open

Method 1: Use the jumper to select EOL (End of Line) resistance on TAMPER/ALARM EOL pins.

Method 2: Add the resistor to TAMPER/ALARM wiring ports.

Note: If EOL wiring is not used, leave the jumpers OFF. Do not force the jumper if it is not matched to the pin. Method 1 & 2 should not be used on the ALARM/TAMPER at the same time.

- Alarm Resistance: 1K, 2K2, 4K7, 5K6, 6K8
- Tamper Resistance: 1K, 2K2, 4K7, 5K6

4 Connection Type

Note: The resistor must be connected in series with one end of the detector.

- Normally Closed
- Single End of Line Wiring
- Double End of Line Wiring

5 Detection Range

6 Powering On

After powering on, the indicator flashes rapidly. Once the detector self test is completed, the LED indicator will go out until the detector detects movement.

Specification

Detection method	Passive Infrared, Microwave
Detection range	12 m
Detection angle	360°
Detection zones	172
Detectable speed	0.3 to 2 m/s
Sensitivity	Auto, Low
White light filter	6500 lux
Microwave frequency	24 GHz (24.15 to 24.25 GHz)
Digital temperature compensation	Support
Creep zone protection	Support
Digital processing	Support
Sealed optics	Support
Tamper protection	Front
LED indicator	Green (PIR), Red (Microwave), Blue (Alarm), Orange (Fault)
Power consumption	100 mA Max
Power supply	9 to 16 VDC
Typical voltage	12 VDC
Operation temperature	-10 °C to 55 °C (14 °F to 131 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operation humidity	10% to 90%
Dimension	φ120 mm x 33.2 mm
Weight	138 g
Mounting height	2.4 to 4 m
Mounting method	Ceiling
Application scenario	Indoor

Please use the power supplies comply with the requirements of EN 50131-6 at the appropriate grade and environmental class.

Please use the power adapter complying with LPS. The recommended power adapter is made by Shenzhen Honor Electronic Co., Ltd.

⚠ Please do not obscure the detector's field of view partially or completely.

UD264648-C



