

EN 50131-1: 2006+A1+A2+A3
EN 50131-2-2: 2017
Environment Class II
Security Grade2
Tested by TÜV Rheinland

English

1 Appearance

1. Tamper EOL pin 2. Terminals 3. Alarm EOL pin
4. LED jumper 5. Sensitivity jumper 6. PIR sensor
7. Tamper 8. LED indicator

2 Installation

- ① Mounting by Expansion Screw
- ② Reinforcing Buckle by Screw (Optional)

3 Resistor Wiring

Relay Status

	Normal PIR	Alarm PIR	Fault Tamper
Alarm Relay	Close	Open	Close
Tamper Relay	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 the pin. Method 1 & 2 should not be used on the ALARM/TAMPER at the same time.

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

4 Connection Type

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

- a. Normally Closed
- b. Single End of Line Wiring
- c. 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

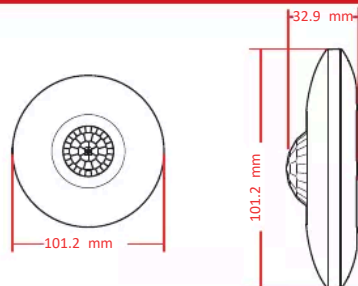
Detection method	Passive Infrared
Detection range	12 m
Detection Angle	360°
Detection zones	172
Detectable speed	0.3~2 m/s
Sensitivity	Auto, low
White light filter	6500lux
Digital temperature compensation	Support
Creep zone protection	Support
Digital processing	Support
Sealed optics	Support
Tamper protection	Front
LED indicator	Blue (Alarm)
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	φ101.2 mm × 32.9 mm
Weight	109.5 g
Mounting height	2.4 to 4 m
Mounting method	Ceiling
Application scenario	Indoor
Power Consumption	13mA Max

Please use the power supplies comply with the requirements of EN 50131-5 at the appropriate grade and environmental class.

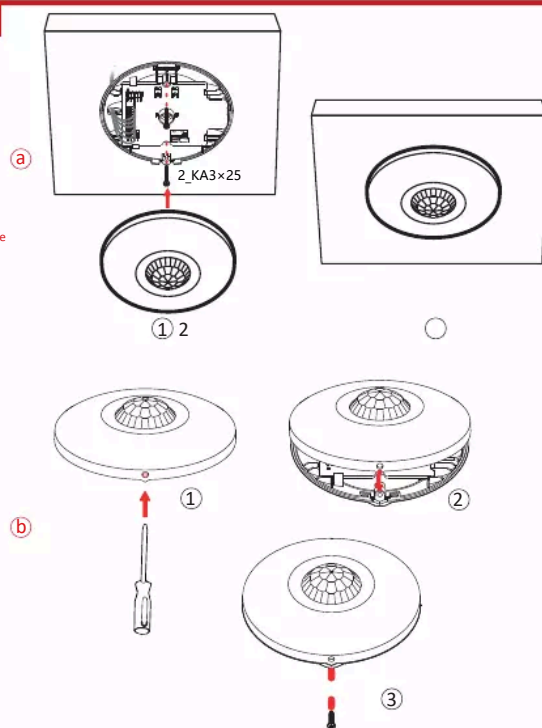
⚠ Please do not obscure the detector's field of view partially or completely.

UD239038-E

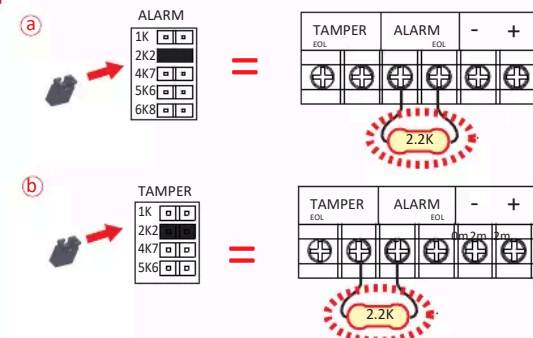
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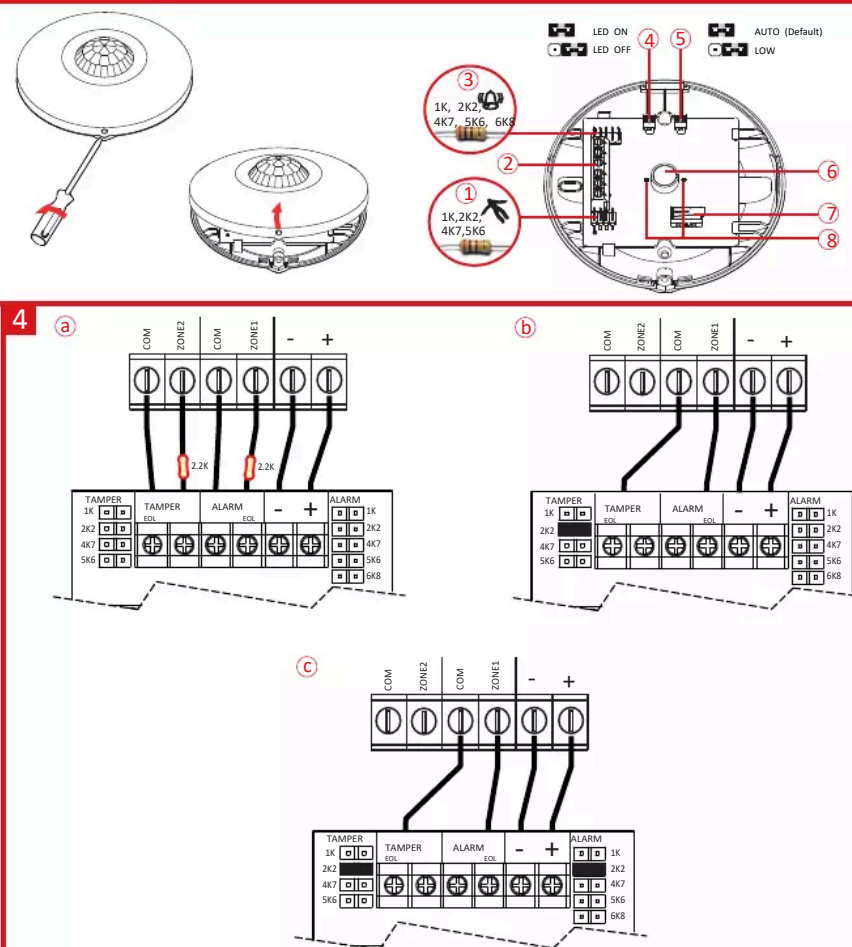
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