HIKVISION

DS-PDPG12P-EG2

Wired PIR-GlassBreak Detector

User Manual

EN 50131-2-2:2017
EN 50131-2-7-1+A1+A2
Security Grade 2, Environment Class II
Certified by TÜV Rheinland

ENGLISH

1 Appearance

1. Lens 2. Pet Mask 3. LED Light Pipe 4. Lens Holder
5. Pick Up PCBA 6. Slider 7. Main PCBA 8. Screw
⑦ The Main Printed Circuit Board Assembly (PCBA)

1. PIR Sensor 2. BG Potentionmeter 3. PIR Sensitivity Settings
4. Tamper Resistor Pin 5. PIR Alarm Resistor Pin
6. Microphone 7. Terminal 8. BG Alarm Resistor Pin
9. Tamper Spring 10. LED ON/OFF 11. Link Settings

Alarm: (Blue) PIR Triggered: (Green) BG Triggered: (Red)
Fault: PIR: (Green) BG: (Red) BG&PIR: (Orange)

2 Installation

Screw Model: PA_3.5 ×25 (4 screws)
A. Wall Mounting B. Bracket Mounting (optional)
4a. Ceiling Bracket Mounting 4b. Wall Bracket Mounting
5. Knock out the hole,and adjust slider direction.

3 The 12 m Lens

4 Relay Status

	Normal	PIR Intrusion/Fault	BG	Intrusion/Fault	Tamper
PIR Alarm Relay	Close	Open	Close	Close	
BG Alarm Relay	Close	Close	Open	Close	
Tamper Relay	Close	Close	Close	Open	

5 Resistor Wiring

Method 1: Use the jumper to select EOL (End of Line) resistance on TAMPER/ALARM 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. Tamper Resistance: 1K, 2K2, 4K7, 5K6
b. PIR Alarm Resistance: 1K, 2K2, 4K7, 5K6, 6K8
c. BG Alarm Resistance: 1K, 2K2, 4K7, 5K6, 6K8

6 Connection Type

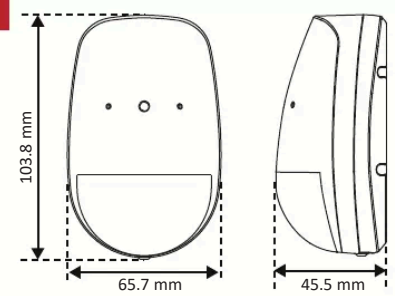
Note: The resistor must be connected in series with one end of the detector.
a.Normally Closed
b. Single End of Line Wiring
c. Double End of Line Wiring:

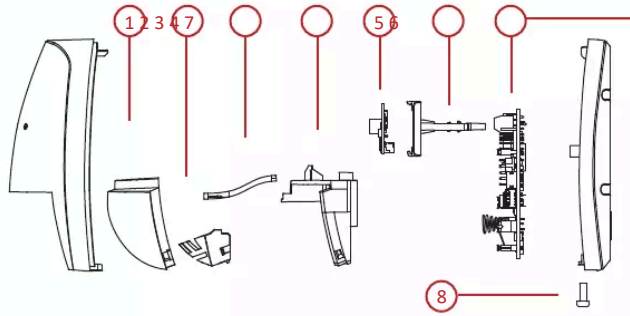
7 Powering On

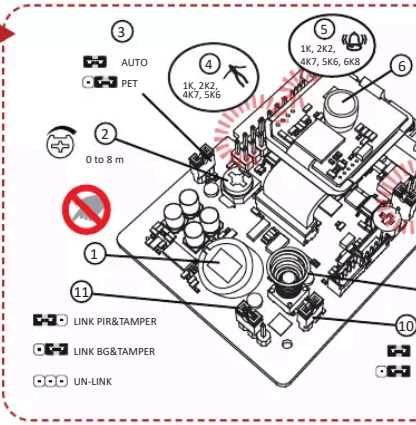
Specification

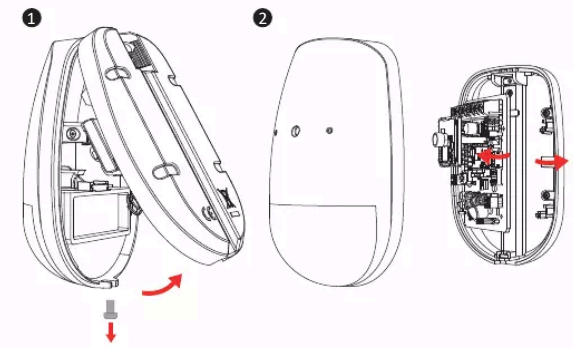
Detection Range 12 m, 85.9°	
Detectable Speed 0.3 to 2 m/s	
Pet Immunity 30 Kg	
PIR Sensitivity Auto,Pet	
White Light Filter 6500lux	
Glass Break Range 8m	
Glass Type	Float, Coated, Tempered, Laminated, Sealed Insulating, Wired
Digital Temperature Compensation	Support
Creep Zone Protection Support	
Digital Processing Support	
Sealed Optics Support	
Tamper Protection Front	
LED Indicator Green(PIR),Red(BG),Blue(alarm)	
Power Supply 9 to 16 VDC (standard: 12 VDC)	
Power Consumption 36 mA	
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(W×H×D) 65.5 mm × 103 mm × 48.5 mm	
Weight 98.5 g	
Mounting Height 1.8 to 2.4 m	
Mounting Method Wall	
Application Scenario Indoor	
Bracket Optional Wall & Ceiling Accessory	
Glass thickness 3 mm to 6.4 mm	
Glass Size 0.3 m × 0.3 m to 3 m × 3 m	

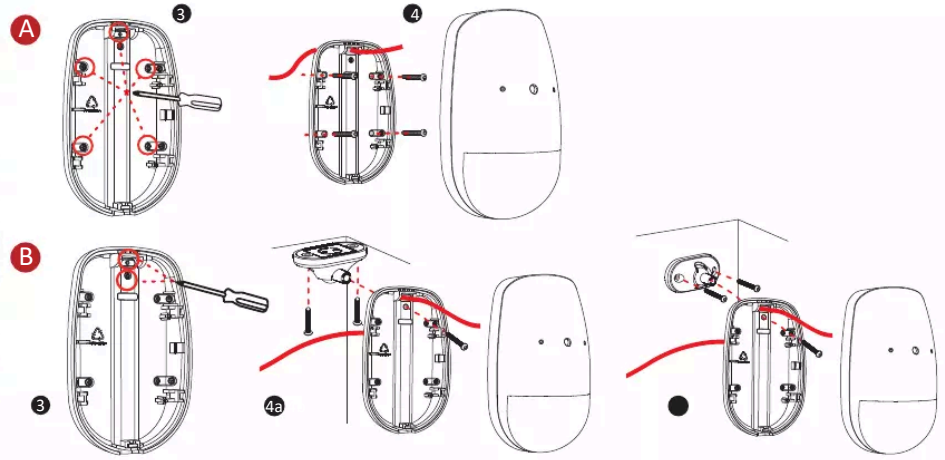
• Please use the power adapter compliianting with LPS. The recommended power adapter is made by

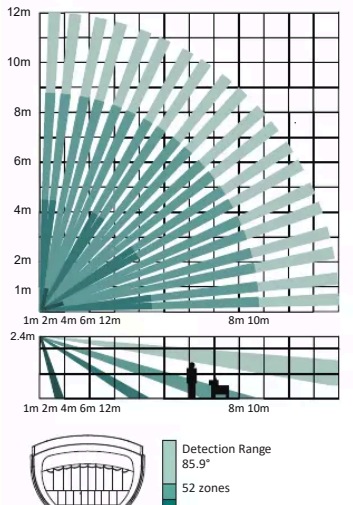


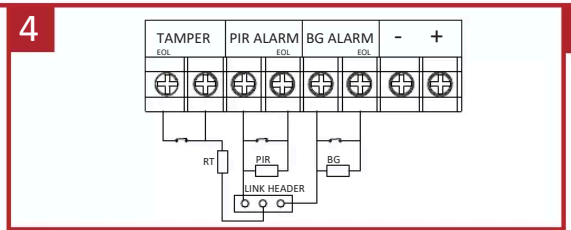


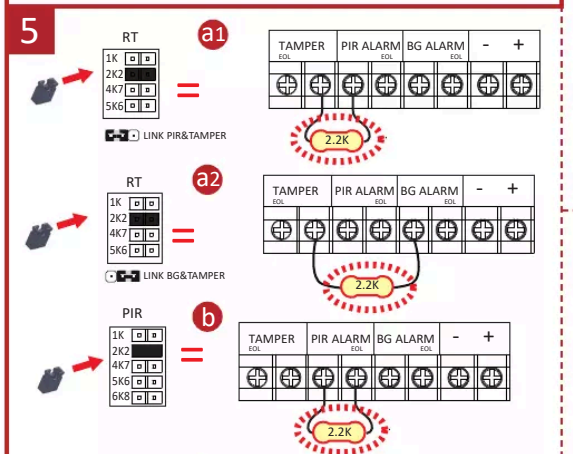


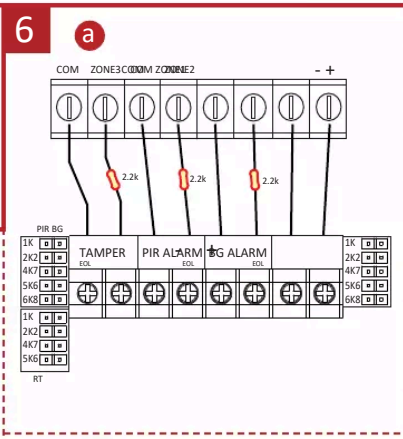


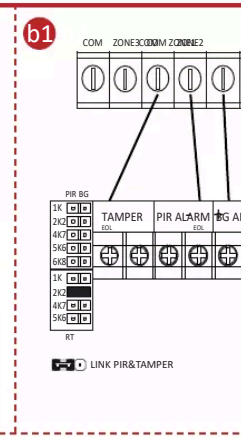


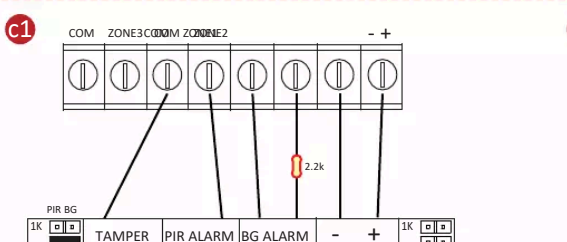












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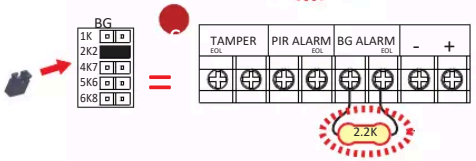
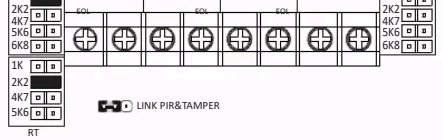
- Please use the power supplies comply with the requirements of EN 50131-6 at the appropriate grade and environmental class.
- Not to obscure partially or completely the detector's field of view with large objects such as furniture, curtains, blinds, etc.
- Make sure that any curtains, plants, furniture, or other objects do not overcover the microphone opening.
- If there are curtains on the window, place the detector between them and the window, for instance, at the window side jamb. Otherwise, curtains can mute the glass break sound, and the detector will not be triggered.
- Before installing the detector, make sure that you have select the optimal location that follows the guidelines of this manual:
  - Avoid mounting the detector on the same wall as the protected glass.
  - Avoid mounting the detector in rooms with noisy equipment (air compressors, power tools, bells, etc.)
  - Avoid mounting the detector in humid rooms (bathroom, etc.)
  - Avoid mounting the detector on the wall with strong vibration.

4 planes

This PIR detector is approved at 1.8 m ~ 2.4 m mounted.
Recommended mounting height: 2.2 m.





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