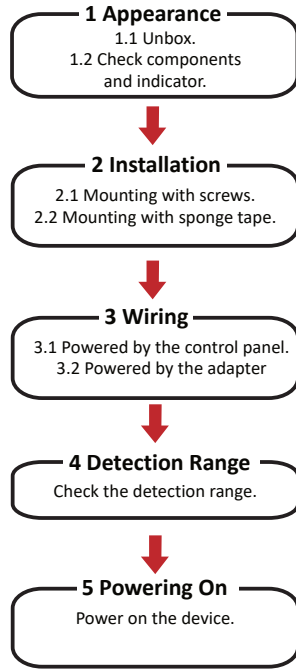


Bus PIR Camera Detector

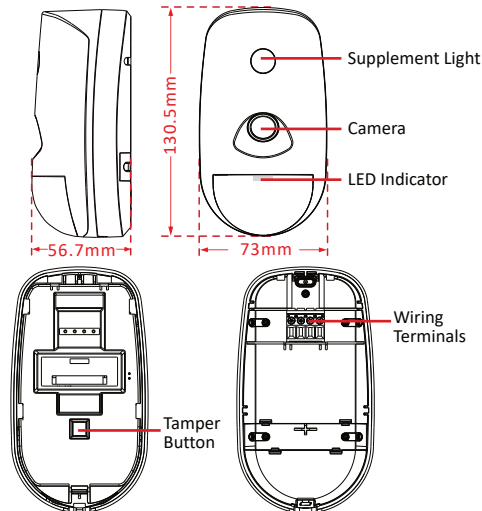
User Manual

EN50131-1:2006+A1:2009+A2:2017+A3:2020
Security Grade 2
Environment Class II

User Manual Flow Chart



1 Appearance



More Languages



UD38355B-B
Hangzhou Hikvision Digital Technology CO.,Ltd.
No.555 Qianmo Road, Binjiang District,
Hangzhou 310052, China

Indicator Status	Device Status
Blue LED remains on for 2 s	Alarm
Blue LED flashes for 180 s	Find me
Orange LED flashes for 180s	PIR Fault
Orange LED flashes for 30s	Enrolling
Green LED flashes 7 times	Enrolled

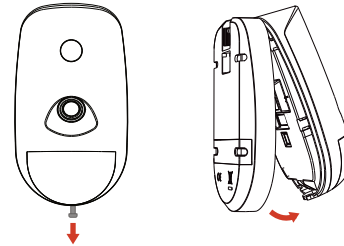
2 Installation

Step 1. Check the installation environment.



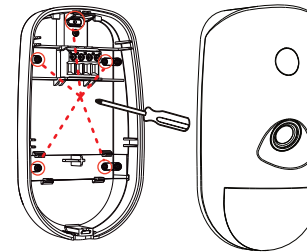
Step 2. Remove the bottom screw.

Step 3. Open the front cover from downside until all cover is removed.

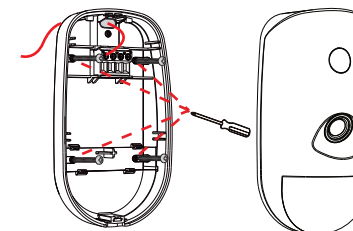


Step 4. Install the detector.

4.1 Screw Mounting
(1) Stick out the holes.

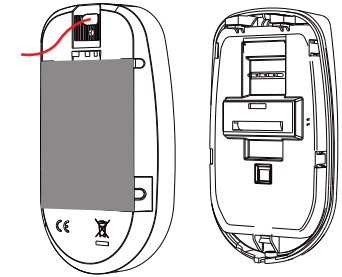


(2) Complete wiring terminal's wiring and fix the rear cover to the wall with 4 screws(PA_3.5 × 25). Install the front cover.



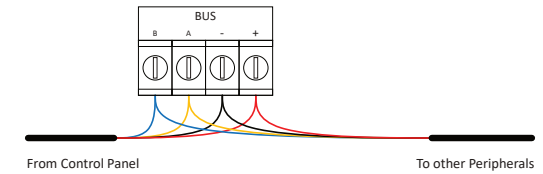
4.2 Sponge Tape Mounting

Remove the sticker of the sponge tape, and fix the detector to the wall.

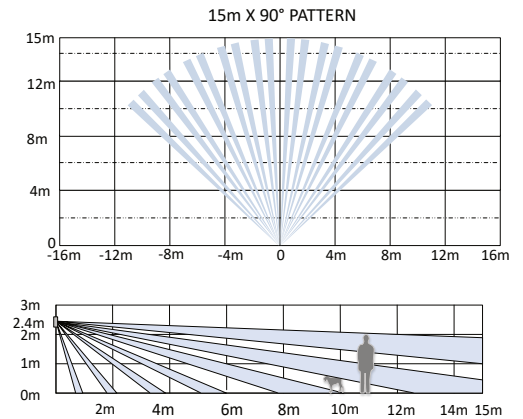


3 Wiring

Daisy-chain wiring



4 Detection Range

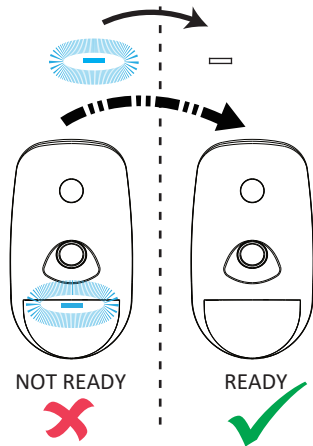
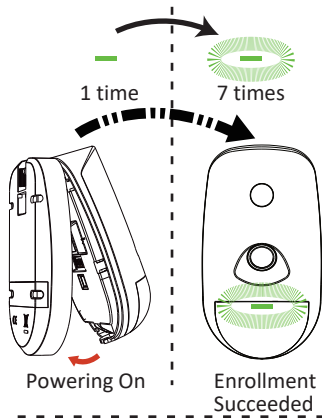


This PIR detector is approved at 1.8 m~2.4 m mounted. Recommended mounting height: 2.2 m.

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

5 Powering On

If the indicator flashes blue all the time, it means the PIR sensor is not ready.



Specification

Model	DS-PD501PC12
PIR Detection	
Detection Method	Low noise Dual Element Pyroelectric sensor
Detection Range	12 m
Detection Angle	90°
Detection Zones	84
Detection Planes	7
Detectable Speed	0.3 m/s ~ 2 m/s
Sensitivity	Low, Normal, High
Pet Immunity	24 kg
White Light Filter	6500 lux
Sealed Optics	√
Digital Processing	√
Temperature Compensation	Automatic
Camera	
Angle	109°(H) 60°(V)
Sensor Type	CMOS
Day Light Video	Colour
Night Vision Video	Black & White
Illumination	Automatic with 1 × IR LED
Illumination Range	12 m
Image Format	JPEG
Resolution	VGA (640 × 480) HD(1280 × 720) FHD(1920 × 1080)
Images in series	Up to 3 images with resolution FHD Up to 6 images with resolution HD Up to 10 images with resolution VGA
Bus Interconnection	
Bus-extender	√
Bus Technology	Half-Duplex RS-485
Bus Wiring	4-Core Alarm Cable (at least 2×0.5mm ² +2×0.22mm ²)
Power Supply - General	
Input Voltage	12 VDC nominal (9~16 VDC), powered by bus
Quiescent Current	70 mA @12VDC
Max. Current	100 mA @12VDC
Environmental	
Operating Temperature	-10°C to 50°C (14°F to 122°F), indoor use only
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Relative Humidity	10% ~ 90% non-condensing
Physical	
Dimension (W x H x D)	73 mm × 130.5 mm × 56.7 mm
Weight	195 g
Installation Method	Wall mount & Ceiling mount (with bracket)
Bracket	DS-PDB-IN-Ceilingbracket (Optional) DS-PDB-IN-Wallbracket (Optional)
Mounting Height	1.8 m ~ 2.4 m, 2.1 m typical
Compliance	
Electrical Conformity	CE, CB
EN 50131	Security Grade 2, Environmental Class II

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