

DHI-ARD1233-W2(868)

Dahua Wireless PIR Detector (Black)



- Pet immunity function;
- Auto temperature compensation;
- 3-level sensitivity adjustment;
- Signal strength detection;
- Low battery alarm;
- Temperature monitoring;
- Frequency hopping function and two-way communication technology ensure communication stability;
- Cloud update and automatic recovery from update failure.

Series Overview

The Wireless PIR Detector recognizes the first signs of an office or home intrusion by leveraging PIR detection technology to detect when people are moving. When a location is intruded, the detector immediately sends notifications directly to you. Easy to install, it can be attached to the walls in front of doors and other places where intruders are likely to enter from.

Technical Specification

Function

Indicator Light	1 × green alarm indicator
Button	1 × power button
Remote Update	Cloud update
Low Battery Detection	Yes
Tamper	Yes
Measuring Range (Temperature)	−15 °C to +65 °C (+5 °F to +149 °F) (indoor)

Technical

Sensor	Dual elements low-noise PIR sensor
Detection Mode	PIR
Sensitivity	3 levels adjustable
Detection Range	12 m (39.37 ft) (90°) with installation height of 2.2 m (7.21 ft)
Detection Speed	0.3 m/s–3 m/s (0.98 ft/s–9.84 ft/s)
Pet Immunity Level	≤ 18 kg (39.68 lb)
White Light Resistance Level	2000 lx

Two-way Digital Temperature Compensation	Yes, no attenuation of detection distance in high temperature
Test Mode	Yes

Wireless

Carrier Frequency	868.0 MHz–868.6 MHz
Transmitter Power (EIRP)	Limit 25 mW
Communication Mechanism	Two-way
Communication Distance	Up to 1,600 m (5,249.34 ft) in an open space
Encryption Mode	AES128
Frequency Hopping	Yes

General

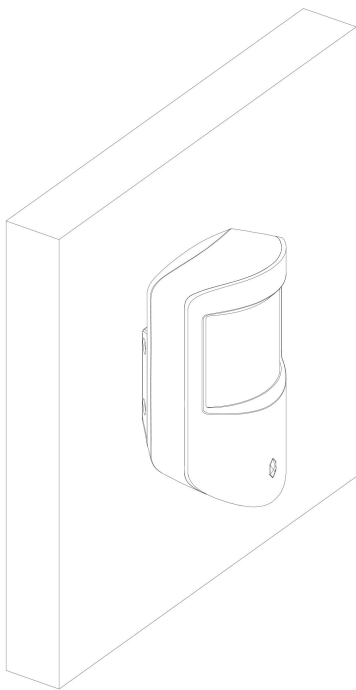
Power Supply	CR123A battery
Battery Life	4 years
Power Consumption	Max. 120 mW
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F) (indoor)
Operating Humidity	10%–90% (RH)
Product Dimensions	104.0 mm × 60.0 mm × 50.0 mm (4.09" × 2.36" × 1.97") (L × W × H)
Net Weight	100 g (0.22 lb)
Gross Weight	170 g (0.37 lb)
Installation	Wall mount
Casing Material	PC + ABS
Certifications	CE EN 50131-1:2006+A1:2009+A2:2017+A3:2020 EN 50131-2-2:2017 EN 50131-6:2017 EN 50131-5-3:2017 Security Grade 2 Environmental Class II

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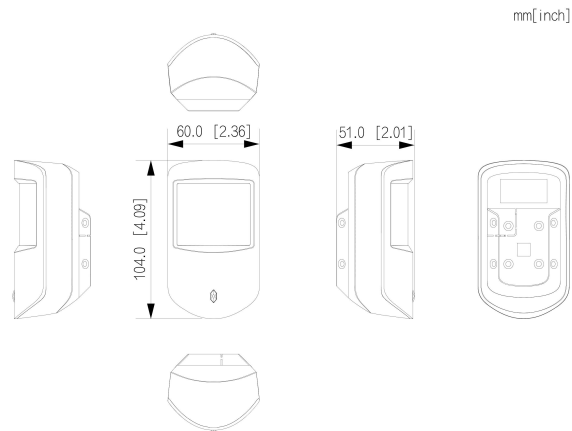
Anti-corrosion Level	Basic Protection
Storage Temperature	−10 °C to +55 °C (+14 °F to +131 °F) (indoor)
Storage Humidity	10%–90% (RH)
Packaging Dimensions	135.0 mm × 98.5 mm × 56.8 mm (5.31" × 3.88" × 2.24") (L × W × H)

Ordering Information		
Type	Model	Description
Wireless PIR Detector	DHI-ARD1233-W2(868)	Dahua Wireless PIR Detector (Black)

Installation



Dimensions (mm[inch])



Application

