

DHI-ARD1731-W2(868)

Wireless PIR-Camera



System Overview

With its built-in 2 MP CMOS image sensor, PIR-Camera captures high-definition snapshots when it detects intrusions, transmitting them to the alarm hub, where they are then sent to the mobile app or alarm center (CMS/ARC) for you to perform visual alarm verification. The camera harnesses 2.4G RF-HD transmission technology to improve the resolution of images and the speed they are transmitted at. Built to keep you safe, the camera actively protects your privacy by only taking snapshots when an intrusion occurs.

Scene

Wireless PIR-Camera is ideal for use in villas, apartments and office buildings.

Technical Specification

Battery Level Display

Video

Field of View	88° (H);68° (V)	
Image Type	JPEG	
Resolution	1600 × 1200; 1280 × 960; 640 × 480; 320 × 240	
Frame Rate	2	
Illumination Mode	Infrared Light	
Illumination Range	12 m (39.37 ft)	
Day/Night Switch	Color/Black & White	
Function		
Indicator Light	1 × green alarm indicator	
Button	1 × power switch	
Remote Update	Cloud update	
Low Battery Detection	Yes	

Yes

- · Maximum resolution 1600*1200.
- Based on the RF-HD image transmission technology, transmission of 6 HD images with resolution of 1600*1200 needs up to 10 seconds.
- · One-week cloud cache for videos and images.
- Temperature monitoring.
- Offers frequency hopping and two-way communication technology,ensuring the stability of communication.
- Cloud update and automatic recovery from update failure.

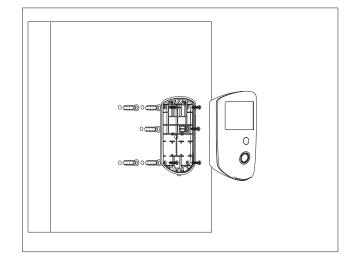
Tamper	Tamper alarm	
Signal Strength	RF Signal test RF-HD signal test	
Technical		
Detection Mode	PIR	
Sensitivity	3 levels adjustable	
Detection Range	12 m (39.37 ft) (86°) with installation height of 2.2 m (7.22 ft)	
Detection Speed	0.3 m/s-3 m/s (0.98 ft/s-9.84 ft/s)	
Pet Immunity Level	≤18 kg (39.68 lb)	
White Light Resistance Level	2000 lux	
Two-way Digital Temperature Compensation	Yes	
Scenario	Indoor	
Operating Current	65 μΑ	
Alarm Current	Day: 170 mA (Avg); 800 mA (Max) Night: 230 mA (Avg); 2.8 A (Max)	
Wireless		
Carrier Frequency	RF:868.0 MHz–868.6 MHz RF-HD:2.4GHz	
Communication Distance	RF:Up to 1,600 m (5,249.34 ft) in an open space RF-HD:Up to 300 m (984.25 ft) in an open space	
Communication Mechanism	Two-way	
Frequency Hopping	Yes	
Encryption Mode	AES128	
General		
Power Supply	CR123A*3	
Battery Life	4 years (if triggered twice a week with a battery efficiency of 70%)	

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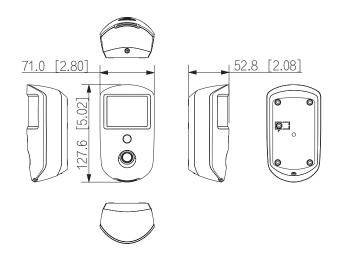
Operating Temperature	$-10~^{\circ}\text{C}$ to +55 $^{\circ}\text{C}$ (+14 $^{\circ}\text{F}$ to +131 $^{\circ}\text{F}$) (indoor)		
Operating Humidity	10%-90% (RH)		
Product Dimensions	127.6 mm × 71.0 mm × 53.2 mm (5.02" × 2.80" × 2.09")		
Packaging Dimensions	121.0 mm × 65.0 mm × 170.0 mm (4.76" × 2.56" × 6.69")		
Net Weight	202 g (0.45 lb)		
Gross Weight	333 g (0.73 lb)		
Installation	Wall mount		
Casing	PC + ABS		
Certifications	CE		

Ordering Information				
Туре	Model	Description		
Wireless PIR- Camera	DHI- ARD1731-W2(868)	Wireless PIR-Camera		

Installation



Dimensions (mm[inch])



Application

