

Code: ARD1731-W2(868)

## WIRELESS PIR DETECTOR WITH CAMERA **ARD1731-W2(868)** DAHUA

Wireless PIR detector with camera and IR illuminator. The camera enables video verification of triggered alarm events. Viewing real-time images you can fast and accurate response to real alarm events.

The PIR detector transmits high definition images from the camera to the alarm hub, which sends them to the mobile application or the alarm center (CMS/ARC). The device uses RF-HD 2.4GHz image transmission technology, ensuring fast transmission of up to 6 HD images with resolution of 1600x1200 px within 10 seconds.

The device is designed to work with the Dahua wireless access control systems operating in the 868 MHz band.



Support:	Wireless alarm systems DAHUA
Frequency band:	<ul style="list-style-type: none"> <li>• 868.0 ... 868.6 MHz (alarm),</li> <li>• 2.4 GHz ( HD image transmission )</li> </ul>
Radio communication range (at open area):	max. 1600 m @ 868 MHz , max. 300 m @ 2.4 GHz
Alarm signaling:	Signal to control panel, LED
Tamper contact:	✓
Battery:	3 x CR123A 3 V (included)
Backup time:	~ 4 years
Current consumption:	max. 230 mA 65 µA (Standby mode)

<p>Main features:</p>	<ul style="list-style-type: none"> <li>• Bidirectional communication</li> <li>• AES-128 data encryption</li> <li>• Frequency hopping against jamming for reliable transmission</li>   <li>• Digital detector :             <ul style="list-style-type: none"> <li>- PIR sensitivity can be set - 3 levels</li> <li>- Detection angle : 86 °</li> <li>- Detector range : 12 m</li> <li>- Pet immunity : 18 kg</li> <li>- Motion Detection : 0.3 ... 3 m/s</li> <li>- Bi directional temperature compensation</li> </ul> </li>   <li>• Built-in camera CMOS :             <ul style="list-style-type: none"> <li>- Camera view angle : 88 °</li> <li>- Supported resolutions : 1600 x 1200 px, 1280 x 960 px, 640 x 480 px, 320 x 240 px</li> <li>- Pictures recording format : JPEG</li> <li>- Day/night mode</li> <li>- IR illuminator : 12 m</li> </ul> </li>   <li>• Cloud update</li> <li>• 1-week cloud cache for videos and images</li> <li>• Battery charge indicator</li> <li>• Low battery level alarm</li> <li>• Signal indicator : 868 MHz, 2.4 GHz</li> <li>• Wall mounting : 2.2 m</li> </ul>
Housing:	Plastic (PC + ABS)
Color:	White
Operation temp:	-10 °C ... 55 °C
Permissible relative humidity:	10 % ... 90 %
Weight:	0.21 kg
Dimensions:	71 x 128 x 53 mm
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>

