![Dahua Technology logo]

4MP WiFi Video Doorbell

DH-DB41AB

Series Overview

The WiFi Video Doorbell is a new addition to the Dahua Wireless series. It not only delivers 2K high-resolution imagery, but also captures more details than conventional fixed lenses through its ultra-wide fisheye lens. The doorbell features passive IR motion detection and transmits videos and audios to mobile devices, allowing you to remotely perform visual confirmation and communicate with visitors. Furthermore, it is compatible with 2.4 GHz Wi-Fi 6 networks, enhancing its connectivity options.

4MP
Clear images with sharp details

H.265
Advanced H.265 compression technology

Supports Micro SD Card
Low-cost storage

One-click Proactive Call
Proactive bidirectional call anytime, anywhere

AI Human Detection
Focuses on what matters and reduces false alarms

AI Vehicle Detection
Focuses on what matters and reduces false alarms

Abnormal Sound Alarm
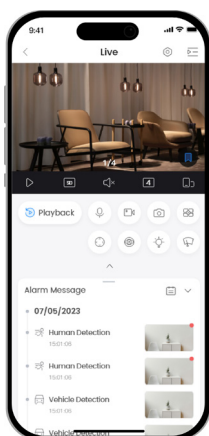Detects abnormal sounds and sends alarms in time

Wi-Fi 6
Seamless integration of speed and anti-interference
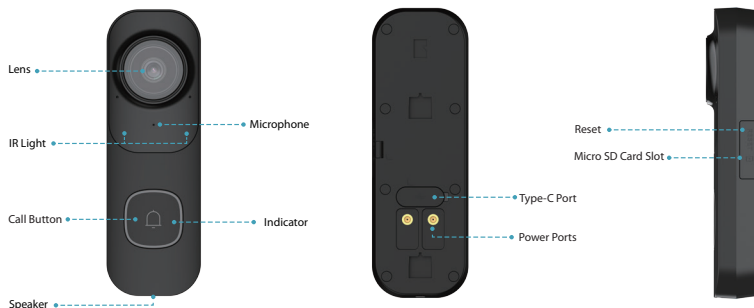
Bluetooth Pairing
Fast pairing with Bluetooth

Upgrade Your Experience with DMSS

Dahua Mobile Security Surveillance (DMSS) is a professional remote surveillance management platform that offers remote monitoring, device migration, and sharing. When connected to the internet, the platform provides real-time alerts to improve surveillance efficiency and grant flexibility in security management.

Available on the App Store

GET IT ON Google play

Lens · Microphone · IR Light · Call Button · Indicator · Speaker · Reset · Micro SD Card Slot · Type-C Port · Power Ports

Specifications

Camera

Image Sensor	1/3" CMOS
Max. Resolution	2560 (H) × 1440 (V)
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Illumination Distance	Up to 10 m (32.81 ft) (IR)
Illuminator On/Off Control	Auto
Illuminator Number	2 (IR LED)

Lens

Max. Aperture	F2.2
Field of View	H: 120°; V: 66°; D: 143°

Intelligence

Human Detection	Yes

Video

Video Compression	H.265; H.264; H.264H; H.264B
Video Frame Rate	Main stream: 2560 × 1440@15 fps; 1920 × 1080@15 fps); 1280 × 720@15 fps; sub stream: 640 × 360@25 fps *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.
Resolution	4M (2560 × 1440); 1080p (1920 × 1080); 720p (1280 × 720)
Video Bit Rate	H.264: 32 kbps–8192 kbps H.265: 32 kbps–8192 kbps
Day/Night	Auto(ICR)/Color/B/W
WDR	DWDR
Motion Detection	Yes
Image Rotation	0°/180°

Audio

Built-in MIC	Yes
Built-in Speaker	Yes
Audio Compression	G.711a

Network

Wi-Fi	IEEE 802.11b/g/n/ax 2.4000–2.4835 GHz, 2.4 G, EIRP≤20 dBm
Storage	Micro SD card (up to 256 GB)
Management Software	DMSS
Mobile Client	iOS;Android

Certification

Certifications	CE-LVD: EN62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; CE-RED: Radio Equipment Directive 2014/53/EU

Power

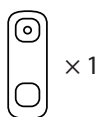|	
Power Supply	USB (5 VDC±5%, 2 A) or binding post power supply (10–24 VDC/14–24 VAC, 1.0 A).
Power Consumption	Basic: 1.7 W (5 VDC); 2.1 W (10–24 VDC); 2.2 W (14–24 VAC, actve power) Max. (IR + white light + alarm on): 5.3 W (5 VDC); 6.8 W (10–24 VDC); 6.8 W (14–24 VAC, actve power)

Environment

Operating Temperature	−20 °C to +55 °C (−4 °F to +131 °F)
Operating Humidity	≤95%

Structure

Casing Material	Plastic
Product Dimensions	135 mm × 45 mm×24.2 mm (5.31" × 1.77" × 0.95") (L × W × H)
Net Weight	0.11 kg (0.24 lb)

What's in the box

× 1

Tools:
- Installation Kit × 1
- Pin × 1
- Mounting Bracket × 1

Documents:
- Quick Start Guide × 1
- Legal and regulation information × 1
- QR Code × 1

Power:
- Power Cord × 1