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

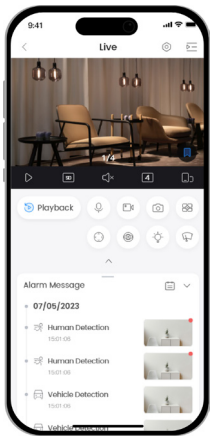
AI Human Detection
Focuses on what matters and reduces false alarms

AI Vehicle Detection
Focuses on what matters and reduces false alarms

Night Light
Provides gentle illumination for interference the doorway and enhances visibility at night

Wi-Fi 6
Seamless integration of speed and anti-interference

Bluetooth Pairing
Fast pairing with Bluetooth

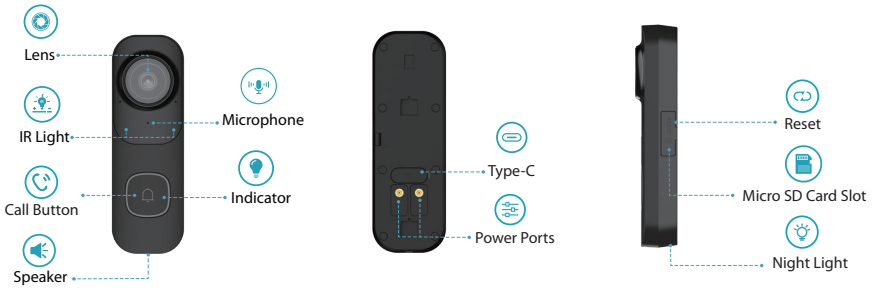


Upgrade Your Experience with DMSS

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



Specifications

Camera

Image Sensor	1/3" CMOS
Max. Resolution	2560 (H) × 1440 (V)
Illumination Distance	Up to 10 m (32.81 ft) (IR)
Illuminator Number	2 (IR LED)
Lens Type	Fixed-focal
Focal Length	2.3 mm
Max. Aperture	F2.2
Field of View	H: 120°; V: 66°; D: 143°

Intelligence

Human Detection	Yes
Vehicle Detection	Yes

Audio and Video

Video Compression	H.265; H.264; H.264H; H.264B
Video Frame Rate	Main stream: 2560 × 1440@(1–15 fps)/920 × 1080@(1–15 fps)/1280 × 720@(1–15 fps) Sub stream: 640 × 360@(1–15 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.
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	OFF/ON (4 areas, rectangular)
Image Rotation	0°/180°
Built-in MIC	Yes, built-in Mic
Built-in Speaker	Yes, built-in speaker
Audio Compression	G.711a; G.711Mu; PCM

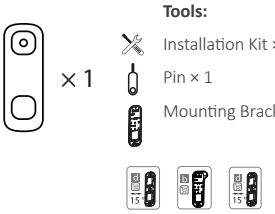
Network

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

General

Certifications	CE-LVD: EN62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; CE-RED: Radio Equipment Directive 2014/53/EU
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 (14–24VAC, active power) Max.: 5.3 W (5 VDC); 6.8 W (10–24 VDC); 6.8 W (14–24 VAC, active power) (IR + white light + alarm on)
Operating Temperature	–20 °C to +55 °C (–4 °F to +131 °F)
Operating Humidity	≤95% (RH), non-condensing
Protection	IP65
Camera Button	One-click Call Button
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)

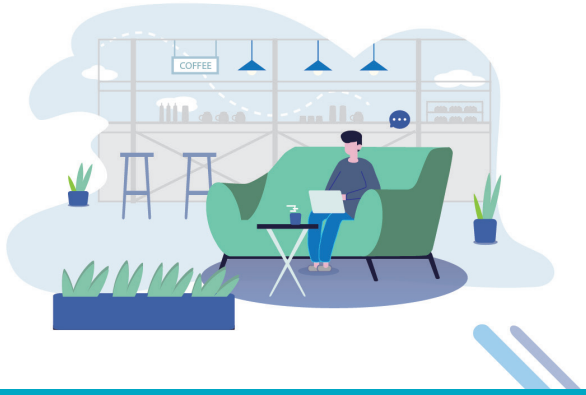
What's in the box



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

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

Power:
- Power Cable × 1



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