

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

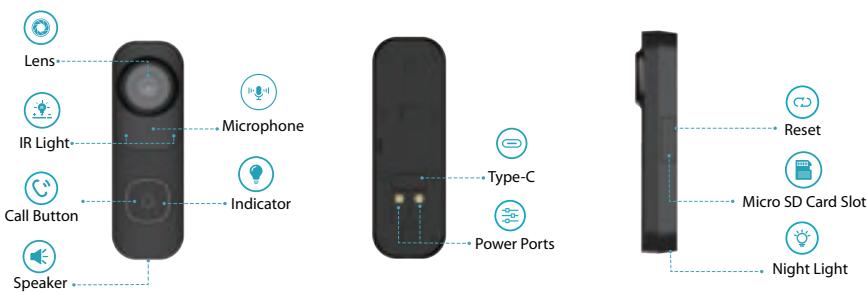
Fast pairing with Bluetooth



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.





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

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 (14–24 VAC, 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

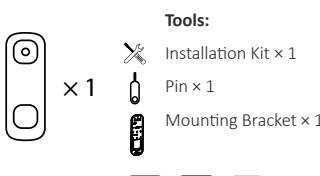
Camera Button
One-click Call Button

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 x1
Pin x1
Mounting Bracket x1

Documents:
Quick Start Guide x1
Legal and regulation information x1

Power:
Power Cable x1

