4MP Wi-Fi Battery Video Doorbell

DH-DB43BB-BTR



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 2.4G/5G Hz 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

Leave Messages
Visitors can leave audio and video messages

Loitering Detection
AI detects when people are staying in the specific area for a certain duration

Package Detection
AI detects left and removed packages

Offline Chime Ringing
Chime rings even when the Wi-Fi network is disconnected

AI Precise Detection with Quick Wake Up
Accurate human and vehicle detection with instant alerts

Long-lasting Power
Support persistent operation of device

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

Intuitive AIoT app for individual security

Remote Management
Live view and recording history

Easy sharing
Safer device sharing with family and friends

Notifications and Alerts
Accurate and timely

High Security
Stay secure with all data encrypted

Available on the App Store

GET IT ON Google play



Specifications

Camera

Image Sensor	1/3.11" CMOS
Max. Resolution	2048 (H) × 2048 (V)
Illumination Distance	Up to 10 m (32.81 ft) (IR)
Illuminator Number	2(IR LED)
Lens Type	Fixed-focal
Focal Length	0.98 mm
Max. Aperture	F2.2
Field of View	H:180°,V:180°

Intelligence

Human Detection	Yes
Vehicle Detection	Yes
Loitering Detection	Yes
Package Detection	Yes

Audio and Video

Video Compression	H.265
Video Frame Rate	Main stream: 2048 × 2048@(1–15 fps)/1440 × 1440@(1–15 fps)/1024 × 1024@(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.265: 32 kbps–2048 kbps
Day/Night	Auto(ICR)/Color/B/W
WDR	DWDR
Motion Detection	OFF/ON (4 areas, rectangular)
Built-in MIC	Yes, built-in Mic
Built-in Speaker	Yes, built-in speaker
Audio Compression	G.711a; G.711Mu; PCM

Audio Compression

Wi-Fi	IEEE 802.11a/b/g/n/ac/ax 2.412–2.472 GHz, 2.4G, EIRP≤20 dBm & 5.15–5.25 GHz, 5G, EIRP≤23 dBm@5150–5250 MHz
Wi-Fi Pairing	Bluetooth pairing
Storage	Micro SD card (support max. 512 GB)
Management Software	DMSS
Mobile Client	Android;iOS

Wireless

Carrier Frequency	868.0 MHz–868.6 MHz
Communication Mechanism	One-way
Communication Distance	Up to 100 m (328 ft) in an open space

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 (12–24 VDC/8–24 VAC, 1 A)
Power Consumption	Power saving mode: 0.004 W; Performance mode: 1.4 W
Operating Temperature	–20 °C to +50 °C (–4 °F to +122 °F)
Operating Humidity	≤95% (RH), non-condensing
Protection	IP65
Anti-corrosion Level	Basic Protection *The products are designed for general use and are applicable even in areas with no specific requirements for anti-corrosion protection.
Camera Button	Call Button; Reset Button
Casing Material	Plastic
Product Dimensions	160 mm × 53 mm × 38.7 mm (6.3" × 2.09" × 1.52") (L × W × H)
Net Weight	0.31 kg (0.68 lb)

Battery

Energy	36Wh
Nominal Capacity	10000mAh

What's in the box



× 1

Tools:



Installation Kit × 1

Pin × 1



Mounting Bracket × 1



3M Adhesive x 1

Documents:



Quick Start Guide × 1



Legal and regulation information × 1

Power:

Power Cable × 1



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