

2K Wired Video Doorbell with Wi-Fi chime

DH-VDKP01-BG



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.

The Wireless Chime is an indoor device that chimes when your videodoorbell is pressed. Through the DMSS app, the ringtones and volume can be customized to your ideal settings and it can be paired with either of the two models of Dahua video doorbells. Highly convenient, it can also be bound to multiple video doorbells at the same time, so you can place multiple Wireless Chime around your home to always hear whenever someone presses your video doorbell. Whether you're in the kitchen, office or bedroom, you'll never miss a thing if your phone is out of reach.



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



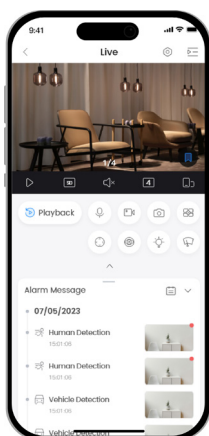
Wi-Fi 6

Seamless integration of speed and anti-interference



Bluetooth Pairing

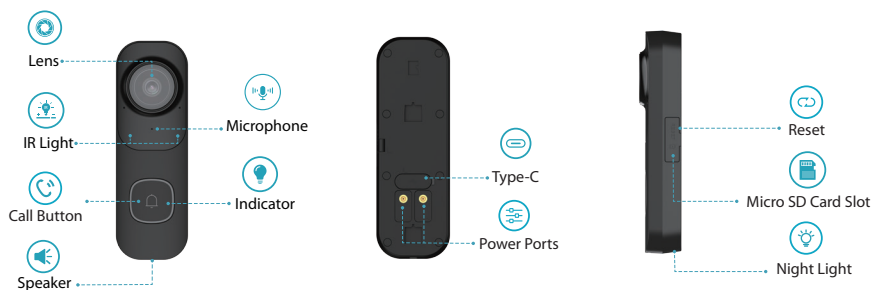
Fast pairing with Bluetooth



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 Doorbell

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)

Specifications Chime

Audio

Built-in Speaker Built-in Speaker

Network

Management Software DMSS

Wi-Fi IEEE 802.11b/g/n/ax 2.4000–2.4835 GHz, 2.4 G, EIRP≤20 dBm

Network Update Yes

Power

Power Supply 100–240 VAC 50/60 Hz

Power Consumption < 5 W

Structure

Appearance Color White Plastic + Grey Cloth

Net Weight 0.1 kg (0.22 lb)

Gross Weight 0.2 kg (0.44 lb)

Casing Material Plastic + Cloth

Product Dimensions Bare machine: 96 mm × 50 mm × 30.3 mm (3.78" × 1.97" × 1.19") (L × W × H)

Packaging Dimensions 187 mm × 81 mm × 57 mm (7.36" × 3.19" × 2.24") (L × W × H)

Environment

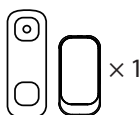
Operating Temperature –10 °C to +45 °C (14 °F to +113 °F)

Operating Humidity 20%–95% (RH), non-condensing

Certification

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

What's in the box



Tools:

✂ Installation Kit × 1

🔩 Pin × 1

🔧 Mounting Bracket × 1

Documents:

📖 Quick Start Guide × 2

📖 Legal and regulation information × 2

📱 QR Code × 2

Power:

🔌 Power Cable × 1

🔌 EU × 1

