

## 4MP Wi-Fi Battery Video Doorbell with Wireless Chime

# DH-VDKB01-BB



### 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.

### Series Overview (Chime)

The Wireless Chime is an indoor device that chimes when your video doorbell is pressed. 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



#### 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



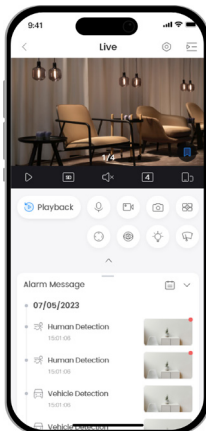
#### Wi-Fi 6

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





# Specifications Doorbell

## 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
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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)
<b>Battery</b>	
Energy	36Wh
Nominal Capacity	10000mAh

# Specifications Chime

## Audio

Built-in Speaker                      Built-in Speaker

## Power

Power Supply                              100V-240V AC, 50/60 Hz  
 Power Consumption                      <3W

## Wireless

Carrier Frequency                        868.0 MHz–868.6 MHz  
 Transmitter Power (EIRP)              Limit 25 mW  
 Communication Mechanism              One-way  
 Communication Distance                Up to 100 m (328 ft) in an open space

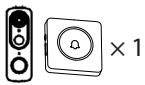
## Structure





Appearance Color                        Black Plastic  
 Net Weight                                0.08 kg (0.18 lb)  
 Casing Material                            Plastic  
 Product Dimensions                      Bare machine: 75 mm × 74 mm × 33 mm (2.95" × 2.91" × 1.30") (L × W × H)



## Environment


Operating Temperature                  −10 °C to +50 °C (14 °F to +122 °F)  
 Operating Humidity                        20%–95% (RH), non-condensing

# What's in the box



- Tools:**
-  Installation Kit × 1
  -  Pin × 1
  -  Mounting Bracket × 1
  -  3M Adhesive x 1

- Documents:**
-  Quick Start Guide × 2
  -  Legal and regulation information × 1

- Power:**
-  Power Cable × 1

