

## 2K Wired Video Doorbell with Wi-Fi chime

# DH-VDKP01-WG



### 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



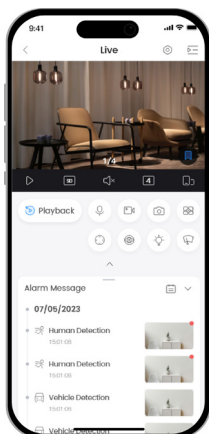
#### Wi-Fi 6

Seamless integration of speed and anti-interference



#### Bluetooth Pairing

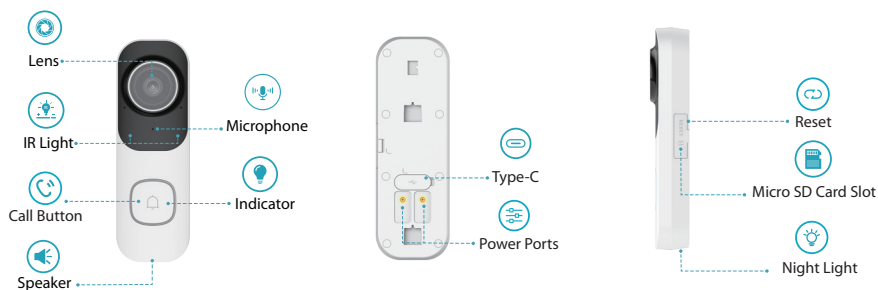
Fast pairing with Bluetooth



## 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)<br>Sub stream: 640 × 360@(1–15 fps)<br>*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;<br>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;<br>CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU;<br>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)<br>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")<br>(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

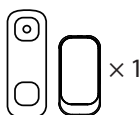
Operating Temperature      –10 °C to +45 °C (14 °F to +113 °F)

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



× 1

### 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

