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 volumecan be customized to your ideal settings and it can be paired with eitherof the two models of Dahua video doorbells. Highly convenient, it canalso be bound to multiple video doorbells at the same time, so youcan place multiple Wireless Chime around your home to always hearwhenever someone presses your video doorbell. Whether you're in thekitchen, office or bedroom, you'll never miss a thing if your phone is outof 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

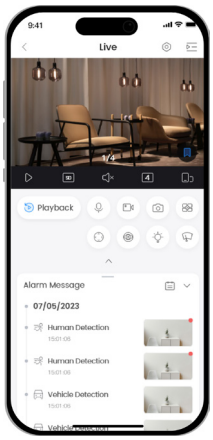
### AI Human Detection
Focuses on what matters and reduces false alarms

### AI Vehicle Detection
Focuses on what matters and reduces false alarms

### 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

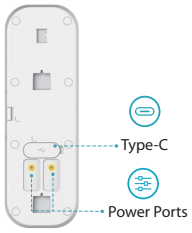


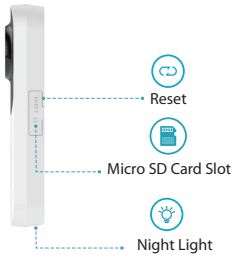

## Upgrade Your Experience with DMSS

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.

Available on the App Store

GET IT ON Google play




# 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") (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) |

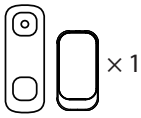
## Environment

| | |
|---|---|
| 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;<br>CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU;<br>CE-RED: Radio Equipment Directive 2014/53/EU |

# What's in the box




**Tools:**

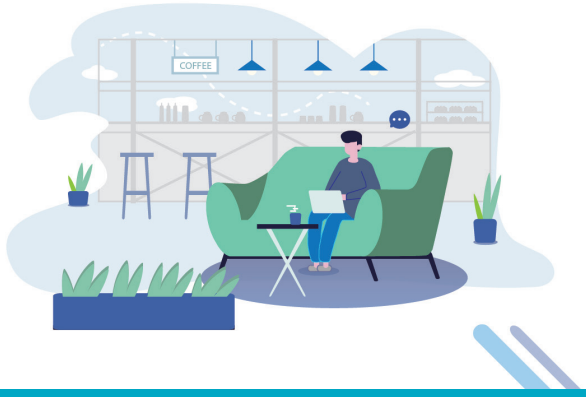
- Installation Kit × 1
- Pin × 1
- Mounting Bracket × 1

**Documents:**

- Quick Start Guide × 2
- Legal and regulation information × 2
- QR Code × 2

**Power:**

- Power Cable × 1
- EU ×1





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