

User Manual

Video Doorbell



Model: VD1/DBW5

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Security Warning

- Please change the password of your doorbell regularly, using a combination of numbers, letters and special characters.
- We recommend that you regularly update your doorbell to the latest available software and firmware versions to help ensure the best experience for your doorbell.

1 Overview

Welcome to use our product, Video Doorbell. Foscam Video Doorbell is an integrated IP Camera with a color CMOS sensor enabling viewing in High Definition resolution. It combines a high quality digital video camera, with a powerful free Foscam Video Management Software, to bring clear video to your desktop from anywhere on your network or over the APP.

It supports P2P function. Thanks to the P2P easy access technology, you don't need to do complicated Port Forwarding and DDNS settings, you just need to scan the QR code on the side of the camera to connect it on smart phone, or input the UID on CMS software to realize remote access.

The Doorbell supports the industry-standard H.264+ compression technology, drastically reducing file sizes and conserving valuable network bandwidth.

The doorbell is specially designed for your access control monitoring application, such as courtyard door, home door. you'll always be connected to your home, so you can watch over your property and answer the door from anywhere. See who's at your door, prevent crime and protect your home – all from your phone, tablet or PC.

1.1 Key Features

- ◆ 4.0 Megapixels Resolution, support HDR
- ◆ Supports WPA and WPA2 Encryption
- ◆ Support full duplex real-time 2-way Audio
- ◆ Ultra wide Angle lens, diagonal Angle up to 170°
- ◆ Supports AI algorithm (Face recognition)
- ◆ Support 2.4GHz & 5GHz dual-band WiFi
- ◆ Supports image snapshot
- ◆ Supports dual-stream
- ◆ Built-in High efficiency IR LED, has excellent night vision image
- ◆ Supports remote viewing & record from anywhere anytime
- ◆ Multi-level users management with password protection
- ◆ Supports multiple network protocols: IP、TCP、UDP、FTP、DHCP、RTSP、
- ◆ Providing Video Management Software to manage or monitor multi-cameras
- ◆ Supports sound detection
- ◆ Supports Alexa
- ◆ Supports Google Assistant
- ◆ Complete mounting bracket and kit are available
- ◆ Supports 128G Micro SD Card Storage(External)

1.2 Read before Use

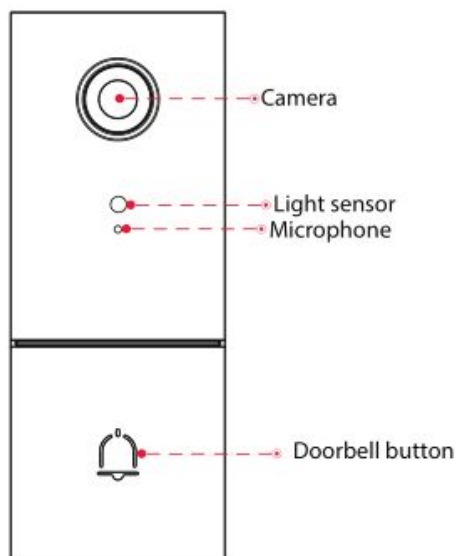
Please first verify that all contents received are complete according to the Package Contents listed below. Before the Network Camera is installed, please carefully read and follow the instructions in the Quick Setup Guide to avoid damage due to faulty assembly and installation. This also ensures the product is used properly as intended.

1.3 Packing Contents

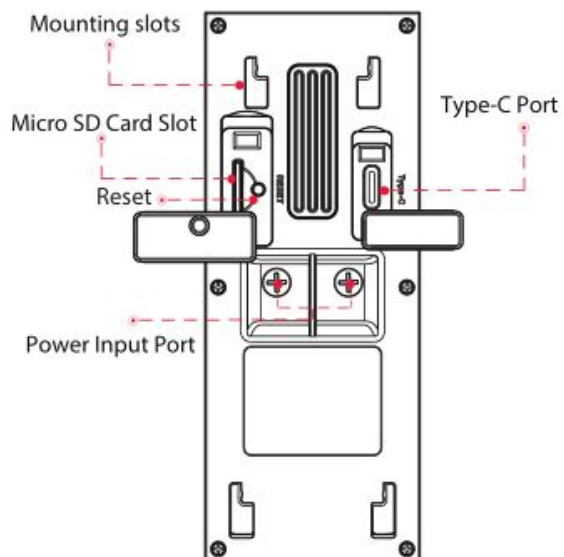
• Video Doorbell × 1	• 5° Vertical angle bracket × 1
• 15° Horizontal angle bracket × 1	• Ethernet Cable × 1
• Thick mounting bracket × 1	• Mounting bracket × 1
• Type-c cable × 1	• Power Kit × 1
• Wire Extenders × 2	• Wire Nuts × 2
• Dual-purpose screwdriver × 1	• Silicone Plug × 1
• Quick Setup Guide × 1	• Drill Hole Position Template × 1
• Expansion Screws × 1	

1.4 Physical Description

Front Panel



Rear Panel



Camera: Ultra wide Angle lens

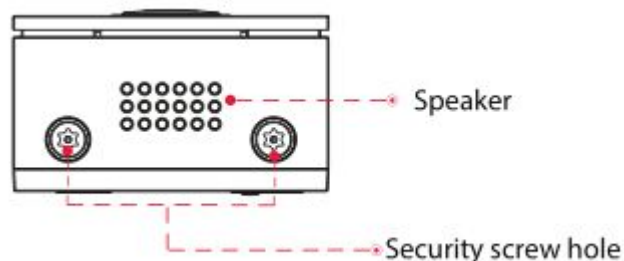
Microphone: Built-in Microphone.

Reset: Press and hold on the reset button for 10 seconds. Releasing the reset button, the password will back to the factory default administrator password.

Micro SD Card slot: Supports up to 128GB SD card for storing the video.

Power Input Port: AC wiring interface.

Type-C Port: Use with C-type cable and 5V DC power distribution network.

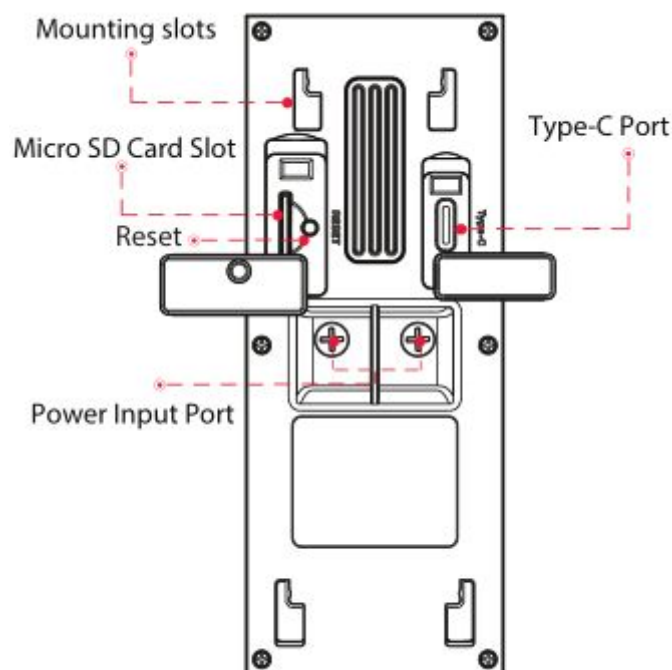


Speaker: Built-in speaker

Security screw hole: Used to install anti-theft screws to prevent the doorbell from being stolen.

NOTE: There are up to two labels located at the bottom of the camera, this is an important feature of original Foscam cameras. If your camera does not have labels, it may be a clone. Cloned Foscam cameras can not use original firmware and are not eligible for warranty or technical services.

1.5 SD Card Management



The record files of the IP camera can be stored in the Micro SD Card.

This camera supports Micro SD Card and the max size of Micro SD card must be under 128G.

You need open the silicone plug, then plug the Micro SD card into Micro SD card slot inside the IP camera.

When you plug in the Micro SD card during the camera work process, please reboot the camera again, or else

the Micro SD Card may be cannot work well. When you re-install the cover, please ensure the tightness with the camera.

Warning: After installing the Micro SD card, please cover the silicone plug in time to prevent water or steam from falling into the device, causing damage.

1.6 Add Device: Connection via the Foscam App

Scan the QR code below to download and install the Foscam APP.



Please refer to the **Quick Setup Guide**.

It is strongly recommended that you complete the "add devices" process on the Foscam app before the doorbell hardware is installed.

You can scan the following QR code to watch the added video



1.7 Installation

Please refer to the **Quick Setup Guide**.

Note: Make sure you have installed the Foscam App, and have scanned the doorbell QR code and completed the "add device" process in the app before beginning the hardware installation process.

You can scan the QR code below to search and watch the power kit installation video.



2 Default Parameters

Default network parameters

IP address: obtain dynamically

Subnet mask: obtain dynamically

Gateway: obtain dynamically

3 Specification

Image Sensor	Sensor	High Definition Color CMOS Sensor
	Display Resolution	2688*1520 (4.0M Pixels)
	Min. Illumination	N/A (Without IR Illuminator)
Lens	Lens Type	Glass Lens
	focal length	1.9mm
	Aperture	F2.0
	Angle of view	Diagonal:170°,Horizontal:152°,Vertical:81°
Video	Image Compression	H.265/H.264
	Image Frame Rate	Max 25fps (2K)
	Resolution	2K(2560x1440),1080P(1920x1080),720P(1280 x 720)
	Stream	Dual stream
	HDR	Support HDR
	Flip image	Flip and mirror
	Infrared mode	1pcs 850nm SMD IR-LEDs
	Night mode	Manual and automatic modes
	Night visibility	5 m
Audio	Input/Output	Build-in mic and speaker,support full duplex real-time 2-way Audio
	Audio Compression	AAC
Network	Ethernet	Transfer via Type C to RJ45
	Wireless Standard	2.4GHz&5GHz,IEEE802.11b/g/n/ac
	Wireless Security	WPA, WPA2
	Remote Access	P2P
	Wifi configuration mode	Support scan QR code , sound wave to add camera
	Network Protocol	IP、TCP、UDP、SMTP、FTP、RTSP
Software Features	Motion Detection	Alarm via E-Mail, upload alarm snapshot to FTP , push message to mobile phone and push stream to Cloud
	Sound Detection	Alarm via E-Mail, upload alarm snapshot to FTP , push message to mobile phone and push stream to Cloud

	Face Detection	Alarm via E-Mail, upload alarm snapshot to FTP , push message to mobile phone and push stream to Cloud
	Face Recognition	Support up to 20 family members (Only cloud have)
	Privacy Block	Yes
	Custom ringtones	Support to customize exclusive ringtones through mobile APP
	Micro SD card	Support maximum 128GB Micro SD card storage
	Foscam NVR	Compatible with Foscam NVR
	Foscam VMS	Compatible with Foscam VMS
	Visitors leave a message	Support the push of guest messages to the APP
	Reset	Reset button is available
Power	Power Supply	AC8~24V 8VA/USB C 5V/ DC12~30V
	Power Consumption	8 Watts (Max.)
Physical	Dimension(LxWxH)	115(L)x45 (W)x25 (H) mm
	Net Weight	125g
Accessories	Power Kit	1pcs(work with existing electronic chime)
	Leveler	1pcs(Pre-install the Leveler on the mounting plate)
	Mounting bracket	Flat Mounting Plate*2pcs,Horizontal Wedge*1pcs,Vertical Wedge*1pcs
	Connector	U-type Connector*1pcs,Fork Connector*1pcs
	Doorbell Wire Extenders and Nuts	With 1pcs extra screw for backup (for AC power of Doorbell), pre-install 2 Wire Extenders on the Doorbell bod
	L-shape Screwdriver	1pcs
	Screws	Wall Mount Screws*1sets,Anti-theft Screws*2pcs
Environment	Waterproof	IP65
	Operating Temperature	-20°C~ 50°C (-4°F ~ 122°F)
	Operating Humidity	20% ~ 85% non-condensing
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Storage Humidity	0% ~ 90% non-condensing
Certification	CE, FCC, RoHS,WEEE	

For other parts, please refer to the “FOSCAM Camera User Manual”