

Gateway+Door bell+Camera 3 in 1



Smart Home Doorbell Camera with Z-Wave controller

This is the first doorbell camera that has the Z-Wave controller function, so that you could remotely lock/unlock your door when your amazon parcel arrived at your house. When some visitor pressed your doorbell, you will receive the video call on your mobile, and you could talk to the visitor anywhere you are. The video of the visitor is recorded on the cloud and you could playback anytime. The PIR motion detection is supported, so any one near your front door will also notice your mobile and video also is recorded.

The basic setup of this doorbell is truly 1-2-3 :

1. Connect the doorbell to the network
2. Download the app mCamViewZ+ on your iPhone/iPad or Android
3. View video and control by the doorbell ID/password

Z-Wave technology is an innovative wireless communication protocol for smart home usage. With this technology integrated, the Z-Wave doorbell can easily control/monitor all Z-Wave devices, including door-lock, curtain, lighting, power plug, electronics and sensors in your house.

The push notification is supported, so that you will get the notification from your iPhone/iPad and Android once there is any events detected through the motion detection or sound detector on the doorbell.

For day & night usage, there is an IR cut on the doorbell, IR filter is on for day and off for night. The lens is wide angle up to 140 degree (vertically).

Two-way audio is supported. You can monitor the synchronized video/audio and talk to or warn the people around the doorbell from your iPhone/iPad and Android when you got the push notification.

Smart WiFi Setup is supported. You could set up the WiFi connection of the doorbell on the App by scanning the generated QR Code, just follow the simple procedure on the App to setup the WiFi, it's simple and fast.

The voice control through Amazon Alexa and Google Home is supported, so that you could turn on the light or thermostat or change the light color anytime by just saying it.

The IFTTT is supported, so that you could integrate the gateway with almost all smart home devices in the market just if they support IFTTT service. This is making people confident even if their current smart home devices are not running Z-Wave technology.

The 3 in 1 doorbell is ideal for your smart home usage, integrating the usage of all the available Z-Wave devices in the market will allow infinite applications and make your home life beyond your imagination.

Features

- Gateway + Doorbell + Camera 3 in 1.
- Compatible with more than 500 different Z-Wave devices in the market, including door lock, thermostat, dimmer, plug, siren, RGB bulb, water/smoke/PIR/contact/temperature sensor, curtain controller, IR controller, etc.
- Control up to 60 Z-Wave devices.
- Control up to 40 rooms/groups, each room allows max of 60 devices.
- Control up to 60 scenes and hotkey, each scene allows 6 events and 12 actions.
- Z-Wave device settings backup and restore
- User management to allow for different user authority.
- Allow for 20 sets of user codes for the door lock.
- Thermostat schedule allowed for each room.
- Allow alarm notification for each Z-Wave devices and each scene.
- Support Amazon Alex and Google Home.
- Support IFTTT
- Plug & play by ID/password, no IP address or DNS settings.
- IP66 rated water proof housing
- Two mega-pixel(Full HD) for up to 1920x1080 resolution at 30 fps.
- H.264 video compression.
- Day and night video with high power IR led.
- Two way audio, internal speaker.
- 2.4G Hz WiFi with WEP and WPA/WPA2 security support.
- Connect up to 8 users simultaneously
- Bundle with free video management software mCamView Z+
- Email alarm message for motion and sound detection.
- Video recording on cloud.
- Watchdog function to prevent system failure.

Specifications

Models	3 in 1doorbell camera
Power	AC 12~24V, or DC 9~24V, 9 Walt.
Processors	RISC CPU, hardware video processing and compression.
Network interface	Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45

Wireless interface	2.4G Hz WiFi Range : 100 meters, line of sight
Full HD	Resolution 1920x1080
Z-Wave module	Sigma Design 500 series module Tx RF Power : -26 ~ 2 dBm. Range: 100 meters open site Radio frequency : 868.42 MHz for Europe/China, 908.42 MHz for United States, 921.42 MHz for Australian/New Zealand, 922 MHz for Japan/Taiwan.
Housing	IP66 rated
Image sensor	RGB 2 Mega 1/2.7 inch CMOS sensor Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control.
Light sensitivity	0.2 Lux (IR LED off) 0 Lux (with 10 meters IR LED on) Automatically turn on the IR LED on low light environment.
Lens	M12, 2.8 mm, F1.8, viewing angle- vertical:145°, horizontal:80°, fixed iris. focus range: 50 cm to infinity
Buttons	One bell button, to start the incoming video call
Indicators	Bell LED for bell position indication 12 blue LED for bell ringing indication
Video compression	H.264, high profile
Video streaming	Different frame rate/resolution/bandwidth settings for mobile.
Video settings	Resolution: (Full HD)1920x1080, 1280x720, 640x360 Bandwidth : 64k, 128k, 256k, 512k, 768k, 1M, 1.2M, 1.5M, 2M, 3M bps Frame rate : 1~5, 10, 15, 20, 25, 30 fps
Audio	Built-in microphone for audio monitoring Built-in 1W speaker for alarm and two-way audio. Audio compression: G.711
Security	Web management username/password protection Video display ID/password protection

Installation, management and maintenance	WiFi WEP and WPA/WPA2 security mode Plug & play by ID/password. App mCamView Z+ for video call and all Z-Wave devices management. Firmware upgrades via FTP
Web browsing	Built-in web server for standard web browser access Video snapshot on any browser
Supported protocols	IPv4, HTTP, TCP, ICMP UDP, SMTP, SNTP, FTP, DHCP, ARP, DNS etc.
Accessories (included)	RJ45 Ethernet cable, quick installation guide, ID/Password card.
App	App mCamView Z+ for Android and iPhone/iPad
Users	Up to 8 simultaneous unicast users (depends on video settings)
Alarm and event management	Events triggered by motion and sound detection Email/ftp alarm message Push notification on iPhone/iPad and Android devices.
Dimensions (HxWxD) and weight	130 x 62 x 31 mm, doorbell body only 150 g, doorbell body only
Approvals	EMC - CE, FCC Part 15 Subpart B Class B Wireless RF - CE, FCC Part 15 Subpart C Power supply: CE, FCC, UL, EN 60950
Operating conditions	Starting Temperature: -20°C ~ 50°C (-4°F~122°F) Working Temperature: -30°C ~ 50°C (-22°F ~ 122°F)