

IP Video Door Bell + Gateway

Setup and installation guide



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.

Package Contents

- Video Door Bell+Gateway
- Back plate
- Allen Key and Screws
- ID/Password Card
- Installation Guide

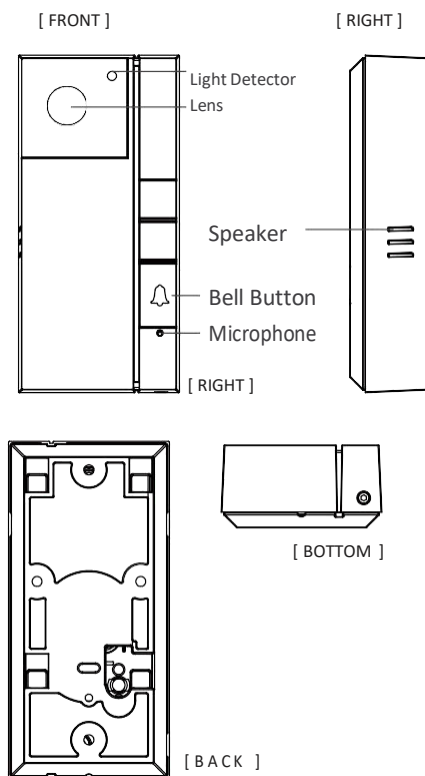
Introduction

This is the first doorbell camera that has the Z-Wave controller function, so that you could remotely lock/unlock your door. 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 push notification is supported, so that you will get the notification from your iPhone 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 and Android when you got the push notification.



Installing the application on Android

1. Search for "Confio Asta" application in the Play Store and install the application.

Supported OS:

- Android: 8.0 and above
- iOS : 10 and above

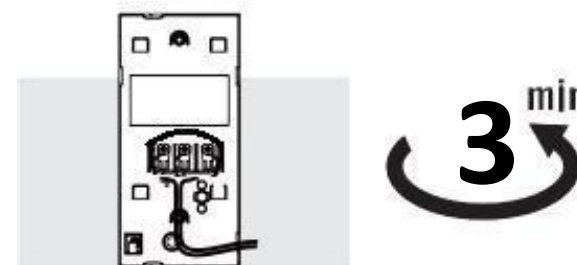
2. Connect the mobile to the local Wifi network.
3. Open the App and agree the Terms & Conditions
4. Click Next >> Next >> Next>> Skip on the help screens.

Note: You will be redirected to another page where the gateway can be added

Setting up Door bell Gateway

1. Power up the door bell gateway .

i Follow the instruction given in the manual



Connect the power cable to the Doorbell.

i After the doorbell is powered on, it is necessary to complete the WiFi setup within 3 minutes.

1. WiFi Setup



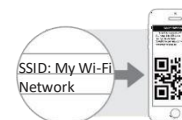
Mobile Connected to 2.4G Hz WiFi

Make sure your iPhone/Android mobile is connected to a 2.4G Hz WiFi router, this is a must.



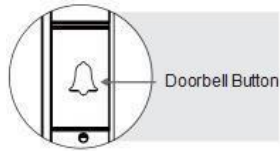
Run the App

Open the Confio Astal, tap the "+" icon to add the doorbell, choose "Door bell" and follow the steps on the App to setup the WiFi connection for the doorbell.



Generate QR Code

Follow the steps and enter the WiFi password to generate a QRcode.



Doorbell Button

Make Sure it Start to Scan

For the first time setup(or after reset), after powered on, the doorbell will be doing the QR code scanning, the LED is spreading out and in continuously.(in othersituation, within 3 minutes after the doorbell is powered on, you can press the bell button three times in 2 seconds to start the QR codescanning)



Scan the QR Code

Place your mobile about 10-15cm away from the doorbell camera lens. The doorbell will beep when the QR code is successfully scanned. It will scroll down the LEDs and start the WiFi connection.



WiFi Connection isEstablished

When the WiFi connection is established, the blue LED will stop flashing. The new icon for this doorbell will be created on the App.

Login to the Doorbell

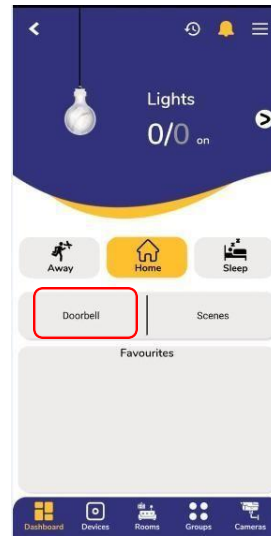
Tap the doorbell icon to log in to the doorbell.

The default administration account is “admin”,the default administration password is empty (leave blank).

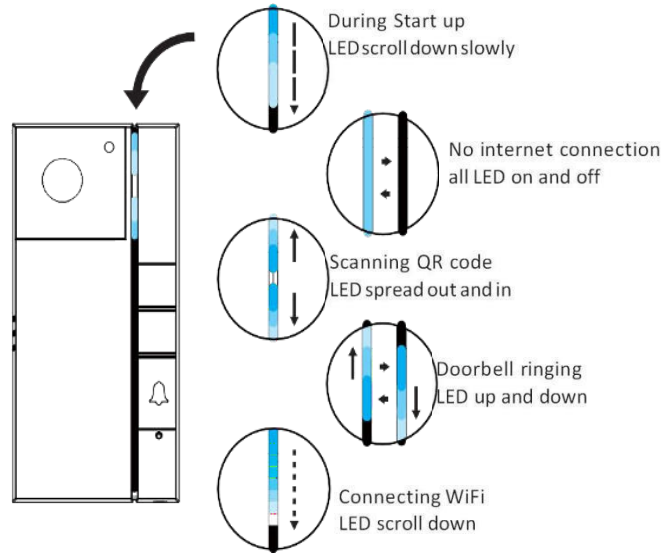
After logged in, tap the doorbell icon to play the live video.

Notice : there are two passwords for the doorbell, one is the administration password, the other one is the video play password.

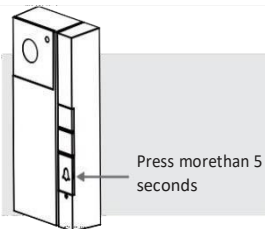
The default video-play password is “ipcam” (lowercase).



LED Indication



How to do the Reset



Within 3 minutes after the doorbell is powered on, press the bell button for more than 5 seconds and release, the doorbell itself will reset to the default settings and reboot itself.

Adding device to Gateway

1. Tap on DEVICE icon >> “+” Add a device >> Other Z-Wave device. (You will hear a beep sound from gateway)
2. Click “YES” and trigger the Z-Wave device.
 - ⓘ A pop up message is displayed to enter the device name.
3. Click OK.
- ⓘ When the device is added, it will be displayed on the Device page.
4. Tap on the device, which is added recently.
5. Select the option Name the channel and give different names for different channels and click OK.
6. In case of multichannel device, hide the channels which are not used.

Removing device from Gateway

1. Tap on DEVICE icon >> – icon >> Other Z-Wave device.
2. Trigger the device and it will be removed from the gateway.
 - ⓘ A pop up notification appears, when it is removed.

Creating a room

1. Tap on ROOM icon >> + icon.
2. Enter a name to the room and select the icon for the room and then click OK.
3. Select the option on top right corner and select devices to be added to the room.

Creating a group

1. Tap on Group icon >> + icon.
2. Enter a name to the group, select required icon >>click OK.
3. Add devices to the group so that the added devices to the group can be operated together.

Creating a schedule

1. Tap on Schedule >> + icon. (Open rooms page to find the Schedules)
2. Enter a name to the schedule and click OK.
3. Tap on IF/THEN/WHEN icons as per the requirements and select the devices that are to be operated in the scene.
 - ⓘ Time duration can be set for the trigger to remain active and one scene can be made to run in two modes.
4. Click OK.
5. Tap on Action icon and test the action.

Removing a schedule

1. Tap on Schedule icon >> – icon.2. Tap DELETE for the schedules that are to be deleted.

Adding the Z-Wave Gateway Extension (Upnp)

1. Setup the gateway to be extended and add the devices.
2. Tap on DEVICE icon in the Master gateway >> + icon.
3. Select the option Z-Wave gateway extension.
 - ① Master gateway will search the other gateways that are connected to the network.
 - ② When the gateways are found, it will list the gateways that are connected to the network.
4. Extend the gateway by selecting the correct gateway with the help of gateway id.
5. Enter the admin account and password of the gateway.
 - ① Success message will be displayed after upnp is successful

Removing the Z-Wave Gateway Extension (Upnp)

1. Tap on DEVICE icon in the Master gateway >> – icon.
2. Select the option Z-Wave gateway extension.
3. Select the gateway to be removed.

User management

1. Tap on the “More option” icon in home page to add the user.
2. Select User Management and tap on + icon.
3. Give a name for User account and set the Password for the account.
 - ① Authority means the type of authorization that is given to the user. For example, the authority like Control, Moments, and Settings.
 - User code is given when door locks exist in the device list.
 - Allowed time indicates when user should get access to control.

Upgrading Gateway Firmware

Firmware upgrade to each gateway will be pushed once it is available. If the user wants to install new firmware they can click on installing new firmware or they can cancel the Upgrade.

- ① Firmware upgrade will be pushed to the gateways, which are online.

Features:

- Gateway + Doorbell.
- Compatible with more than 500 different Z-Wave devices in the market, including door lock, thermostat, dimmer etc.
- Control up to 60 Z-Wave devices.

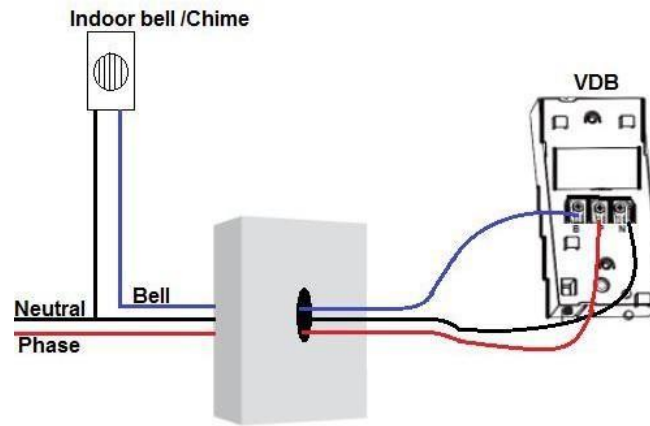
- Control up to 40 rooms/groups, each room allows max of 60 devices.
- Control up to 60 Schedules and scenes, each scene allows 6 events and 12 actions.
- Z-Wave device settings backup and restore
- User management to allow for different user authority.
- Allow for 20 sets of user codes for the door 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 “Confio Asta”.
- Email alarm message for motion and sound detection.
- Video recording on cloud.
- Watchdog function to prevent system failure.

Specifications

Models	Gateway+Door bell
Power	110-230V AC
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
Housing	IP64 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, 3Mbps 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	Video display ID/password protection WiFi WEP and WPA/WPA2 security mode

Installation, management and maintenance	Plug & play by ID/password. App “Confio Asta” for video call and all Z-Wave devices management. Firmware upgrades via FTP
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 “Confio Asta” for Android and iPhone
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 and Weight : 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)



Wiring Diagram

- i** This equipment must only be installed and setup by a qualified and/or licensed electrical personnel.
- Maximum of 8 users could be connected to one Door

Warranty

Standard warranty of 24 months from the date of supply is applicable for all products.

The warranty shall not cover:

- Mechanical damages caused by impact, falling or dropping the device or their object, unauthorized use or not observing the Operation Manual.
- Damages resulting from external causes, for example: flood, storm, fire, lightning, natural disasters.
- Damages resulting from the use of spurious spare parts or accessories improper for given model, repairing and introducing alterations by unauthorized persons.
- Defects caused by operating inoperable devices or accessories.

MEDHA
By Confio

For any technical and support queries, please contact

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