Powered by

tuya

Intelligence Inside

H.265 IP Video Doorbell

POE	2.4GHz WiFi	Full duplex	Record	Camera	Unlock
1080P Full HD	Night Vision	Motion Detect	Multi-user	Call	Playback

1 Function

|	
Network	2.4G WiFi 802.11 b/g/n or wired network
Power adapter	DC12V or power by connect 12V POE
Function	Full duplex talk, Take photo, Take video, Unlock
Unlock	Unlock by remote control, ID Card or APP
External memory	MicroSD card up to 256GB
Resolution	2Mega pixels
View angle	140 Horizontal angle
Night vision	IR CUT no color deviation, B/W night vision
Alarm message	Push picture to APP when motion detection or call
Playback	Video recording after the call or motion detection
Third-Party Services	Amazon echo, Google Home, Cloud storage

2 Specification

39mm

Rain cover

Camera
Mic
IR Leds
Photoresistor

145mm

Call button
Speaker

23mm
88mm

Press the "Reset" button
3seconds to reset

COM NC NO

DC 12V

RJ45 port
Connect to 12V POE

Set ID card/ unlock delay time

3 Parts List

① 12V Power	② DC cable	③ Unlock wiring	④ Screwdriver	⑤ Screws and anchors
⑥	⑦ POE injector	Unlock control	Remote control	Indoor chime TF card

5* Blue User cards
1* Red Delete card
1* Yellow Add card

Optional

4 System working diagram

30Meters

Press and hold the 'volume' button until the light stays on, then release,
Then keep pressing the doorbell's call pairing until the indoor chime ring.

Smart Phone

15Meters   15Meters

4G
5G

<30Meters Or   <100Meters

Router

5 Installation diagram

The doorbell is installed at a height of 1.4~1.7 meters, try to avoid the sunshine and rain, Using 2 screws or tape fixed the doorbell on the wall, wooden board, door, It can also be installed on the 86 box.

140°
Horizontal angle

86 Box

1.4~1.7 Meter

3 Meters
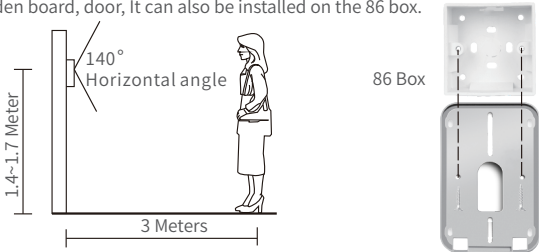
Use the drill bit to drill three holes. One hole is large enough to pass through the LAN cable, use anchors if you install video doorbell on brick or concrete.

Diameter >1.5cm

Outdoor   Outdoor   Indoor

1. Remove the screws of the rain cover
2. The rain cover is separated from the doorbell
3. Insert the TF card
4. Fix the rain cover with two screws

Option 1: Connect doorbell to WiFi and 12V power supply.

Make sure that have a strong WiFi connection at the location of video doorbell.

5. Plug the DC cable into the power socket
6. Pass the DC cable through the hole on the wall
7. Plug the rain cover on the host and fix the bottom screws.
8. Connect the 12V power supply to the female end of the DC cable

Outdoor

Indoor
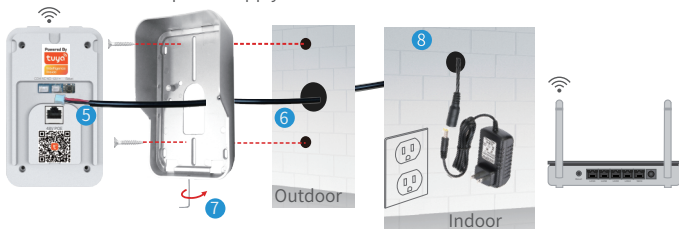
Option 2 (recommended):   The network cable is connected to a standard 12V POE switch, The length of the network cable is less than 100 meters.

5. Connect the network cable to the network port of the doorbell
6. Plug the rain cover on the doorbell and fix the bottom screws
7. Connect the doorbell via LAN Cable at RJ45 port to POE injector and into Router.
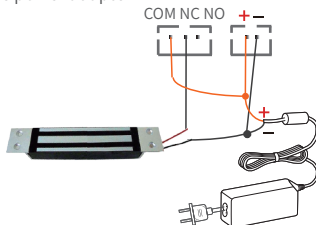
Outdoor

POE connect

DC 12V

4
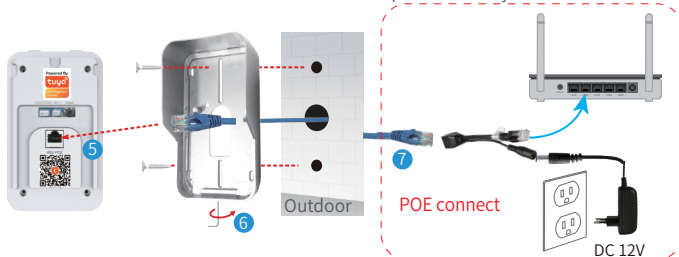
6 Unlock settings

Please check the specification of electric current for existing electronic lock, as the charger supplied is for a 12V power supply.

1. Wiring diagram of connect single power adapter
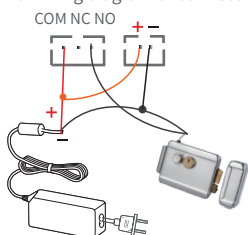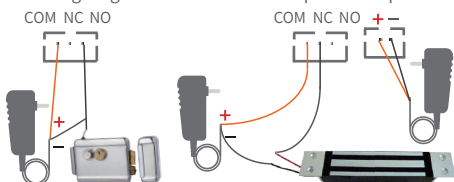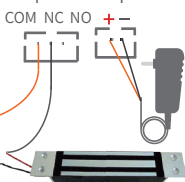

Power on wiring diagram   Power off wiring diagram

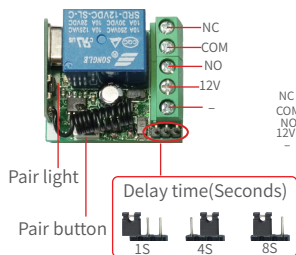**2.** Wiring diagram of connect double power adapter.

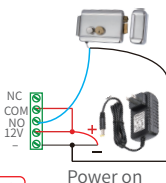Power on wiring diagram   Power off wiring diagram

Position	Delay time
1S	4S
8S	16S

3. Unlock controller wiring diagram (optional)
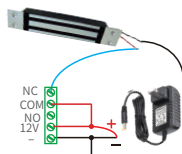

Pair light

Pair button

Delay time(Seconds)

1S   4S   8S

Power on   Power off

7 Device pairing

7.1 Pair indoor chime with smart doorbell

1. Long press the "volume" button of indoor chime until the light stays on, then long press the "call" button of IP video doorbell to pair.

2. Clear the pairing
   Press and hold the "Volume" button of indoor chime without connecting the power supply, then connect the power supply until the light stays on.

7.2 Pair unlock control with smart doorbell

1. Press the "pair" button of the unlock control, the pair light will flash once, then press the "Unlock" icon on the app, the pairing light will continue to flash.
2. Then press the "pair" button of the unlock control again, the light will stop flashing, then press the "Unlock" icon on the app again, the pairing light will flash several times. The pairing is successful.
3. Clear the pairing
   Press the "pair" button on the unlock control for longer than 3 seconds until the light on to the light off.

7.3 Pair remote control with unlock control

1. Press the "pair" button of the unlock control, the pair light will flash one time, then press the "unlock" button of the remote control, the pair light will flash continuously.
2. Then press the "pair" button of the unlock control again, the pair light stops flashing, then press the "unlock" button of the remote control again, the pair light will flash several times. The pairing is successful.

8 RFID Card Settings

8.1 Setting the Management Card

The smart doorbell is supplied with 1x yellow add card, 1x red delete card and 5x blue user cards.

Ensure that the 3 switches are all set to off (bottom position).

Default   Setting

Then turn off power of Smart doorbell by removing power and if applicable LAN cable, and set the position 3 switch to ON and then turn power of doorbell on again. You are now in management mode and the red and blue light will illuminate on RFID front panel. Swipe the yellow add card and then the doorbell will beep to confirm. Then swipe the red delete card and the doorbell will beep and then the light will go off.
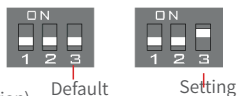
8.2 Add users and remove users

Turn the power to the doorbell off, by removing power and LAN cable if applicable, and reset the switches to default (all 3 switches to off/bottom).Connect the doorbell power on again.

Swipe yellow add card, and then light will illuminate and beep. Then swipe blue user card to activate, then light will illuminate and beep to confirm.

To remove the user, swipe the red delete card, followed by the applicable blue user card.

Troubleshooting:
o Note that you cannot delete a user card if the card has not been added or deleted already.
o Likewise you cannot add a user card,if the card has been added already to another RFID access point.
o If you hear 3 beeps, then there is either an issue with the card or a mistake in the operation.

9 App Download

1. Search "Tuya Smart" or "Smart life" from APP store or Google Play according to phone system.
2. Scan the QR code to download.

10 Register & Login

1. Please register when using APP for the first time.
2. After logging on the APP, please add devices after creating a family. At the bottom right corner of the APP homepage, click "Me" -> "Home Management" -> "Create a home", fill in the information and save it. the setter will become the family owner, you can set home owner or common members.
3. After the home owner adds the device, the home members will add the device automatically. After adding this doorbell, all home members have unlock function than shared accounts.
You can add 20 administrators or home members.
4. The video doorbell is a device with a higher security level, the device must be removed from the original account before it can be bound to another account.
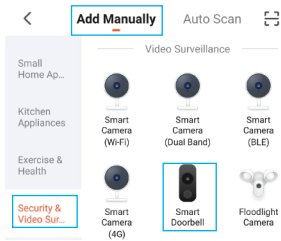
11 Add device to APP

❶ Click "+" on the top right of the homepage.

11.1 QR code and EZ Mode connection if doorbell connect to WiFi

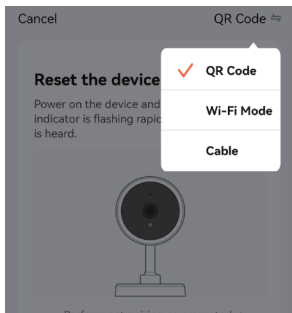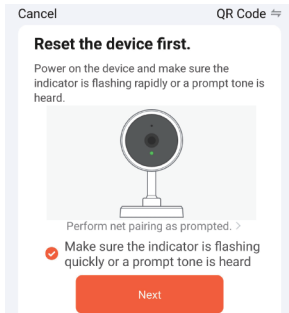**❷** Select "Add Manually"->"Security & Video Surveillane" -> "Smart Doorbell".
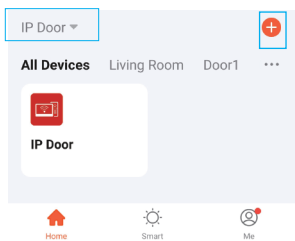
❸ Select "QR Code".

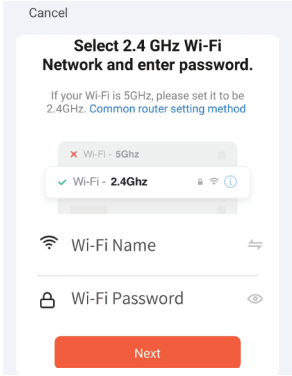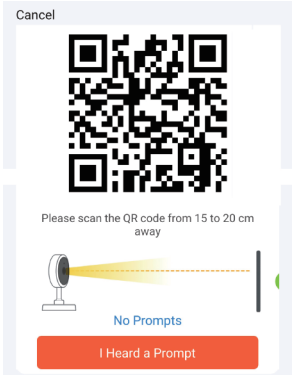**❹** The blue light of the doorbell flashes quickly, after checking, click "Next".

The doorbell only supports 2.4G WiFi, not 5G WiFi signal!

⑤ Select 2.4GHz WiFi, enter the WiFi password, and click "Next".

⑥ A QR code appears in the APP. Please scan the QR code from 15 to 20cm away. After you hear the doorbell prompt, click "I Heard a Prompt".
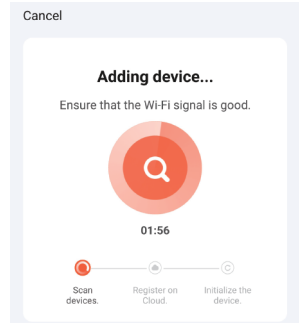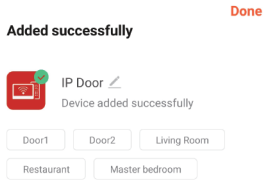
Cancel

Select 2.4 GHz Wi-Fi Network and enter password.

If your Wi-Fi is 5GHz, please set it to be 2.4GHz. Common router setting method

✕ Wi-Fi - 5Ghz
✓ Wi-Fi - **2.4Ghz**

📶 Wi-Fi Name

🔒 Wi-Fi Password

Next

⑤

Cancel

Please scan the QR code from 15 to 20 cm away

No Prompts

I Heard a Prompt

⑥

⑦ Enter the "Adding device..." then "Scan devices." -> "Register on Cloud" -> Initialize the device".

⑧ After the completion, it shows that the added successfully, you can modify the device name, and click "Done" to finish the adding the device.
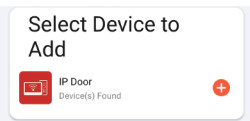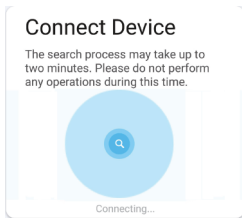
Cancel

Adding device...

Ensure that the Wi-Fi signal is good.

🔍

01:56

Scan devices.   Register on Cloud.   Initialize the device.

⑦

Done

Added successfully

IP Door ✏️
Device added successfully
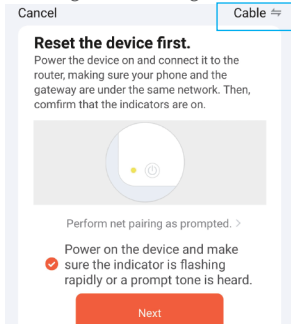
Door1   Door2   Living Room

Restaurant   Master bedroom

⑧

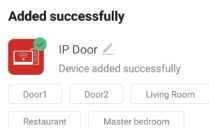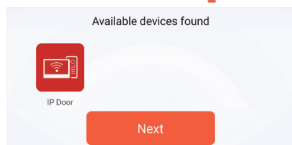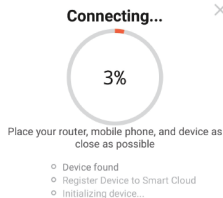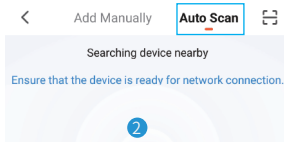## 11.2 Wired network connection
1 "Manually add" -> "Cable"

❶ Click "+" on the top right of the APP homepage.

❷ Select "Add Manually"->"Security & Video Surveillane" -> "Smart Doorbell".

❸ Select "Cable". After checking, Click "Next" if the blue light of the doorbell flashes quickly.

❹ Waiting for connecting.

❺ Select Device to Add.

Cancel   **Cable** ⇔

Reset the device first.

Power the device on and connect it to the router, making sure your phone and the gateway are under the same network. Then, comfirm that the indicators are on.

Perform net pairing as prompted. >

✓ Power on the device and make sure the indicator is flashing rapidly or a prompt tone is heard.

Next ❸

Connect Device

The search process may take up to two minutes. Please do not perform any operations during this time.

Connecting... ❹

Select Device to Add

🖥 IP Door
Device(s) Found   ➕ ❺

❻ Wait for "Device found" -> "Register to Cloud" -> "Initializing device".

❼ After the completion, it shows that the addition is successful, you can modify the device name, and click "Finish" to enter the video interface.

2 "Auto Scan"

❷ Select "Auto Scan".

❸ Select device to be added and click "Next"

❹ Wait for the connection.

❺ Add successfully after click "Done".

‹   Add Manually   **Auto Scan** ⊡

Searching device nearby

Ensure that the device is ready for network connection.

❷

Connecting... ✕

3%

Place your router, mobile phone, and device as close as possible

○ Device found
○ Register Device to Smart Cloud
○ Initializing device...

❹

‹   Add Manually   **Auto Scan** ⊡

Available devices found

🖥 IP Door

Next ❸

Added successfully   **Done**

🖥 IP Door ✎
Device added successfully

| Door1 | Door2 | Living Room |
| Restaurant | Master bedroom |

❺

12 View live video

Click on the device to enter the liveing screen,
You can take photos, talk, video, unlock, playback(TF Card), and view albums.

Click the button in the upper right corner to enter the setting interface.

Unlock: Unlock and save all records.
Message: Take photos and videos during incoming calls or motion detection.
Cloud: The photos and videos stored in the cloud server during incoming calls or motion detection, do not worry about losing the doorbell.
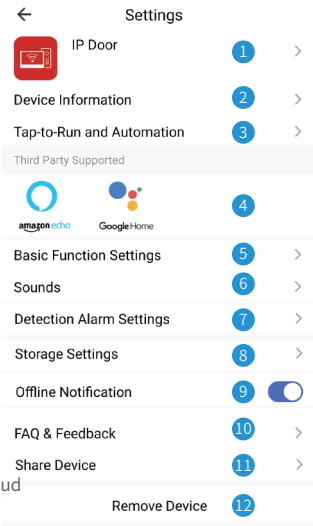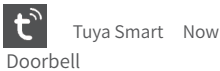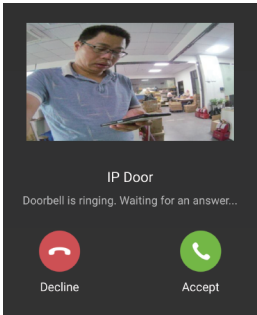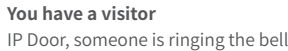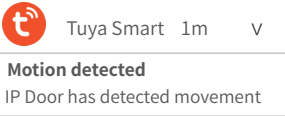
1 Modify icon, name, location of device.   2 View IP address, ID, time zone.

3 Configure the device automation.   4 Connect Amazon echo or Google Home.

5 1 Turn on/off the light of the doorbell button 2 The screen horizontal mirroring.

6 Adjust the volume of the doorbell

7 Motion detection on/off, set the alarm sensitivity and the alarm time period.

8 Check the capacity of the memory card, and format the memory card.

9 The device will push the alarm information list to the APP after 30 minutes

10 Please check the common problems carefully.

11 Enter the mobile phone number or email address of the user you want to share, click "Finish", the shared user cannot unlock.

12 After removing the device, the device will not be displayed on the device list
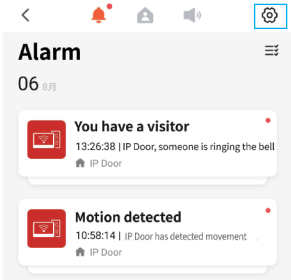
13 Ring the bell and Motion Detected

1. After the visitor presses the call button, push notifications online

 Tuya Smart   Now

Doorbell

2. The mobile phone standby state is pushed notifications as follows

 Tuya Smart   1m   V

Motion detected

IP Door has detected movement

You have a visitor

IP Door, someone is ringing the bell

IP Door

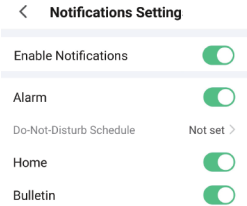Doorbell is ringing. Waiting for an answer...

Decline   Accept

Click the "Settings" icon in the upper right corner to enter the notifications push settings

Alarm

06 8月

You have a visitor
13:26:38 | IP Door, someone is ringing the bell
🏠 IP Door

**Motion detected**
10:58:14 | IP Door has detected movement
🏠 IP Door

2.1 Click the "**Motion detected**" to enter the alarm message

2.2 Click the "**You have a visitor**" to enter the living video.

Alarm

05 August

You have a visitor
14:10:20 | IP Door, someone is ringing the bell
View

Motion detected
14:08:30 | IP Door has detected movement View

Notifications Setting

Enable Notifications ⬤

Alarm ⬤

Do-Not-Disturb Schedule   Not set >

Home ⬤

Bulletin ⬤
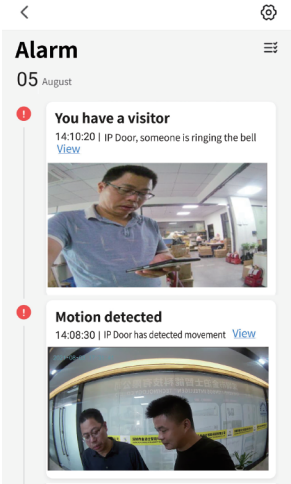
14 Multi-Video Preview

If the APP is connected to more than 1 video device. Multiple devices can be viewed at the same time.
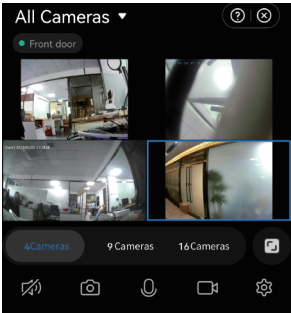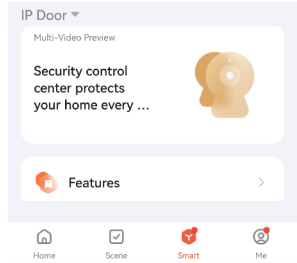
15 Help and service

Users can click "Me" of hompage on the APP to enter "service and help".
1. "Voice third-party service", you can choose multiple smart product voice control products, each third party, the third-party service have detailed connection tutorials.
2. "Home Management" can create a home or join a home and set permissions
3. "Message Center" can view alarm information
4. If you are not familiar with the app or device, pls check "Help and Feedback".
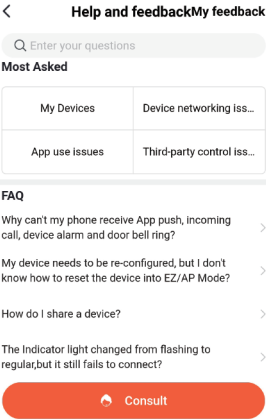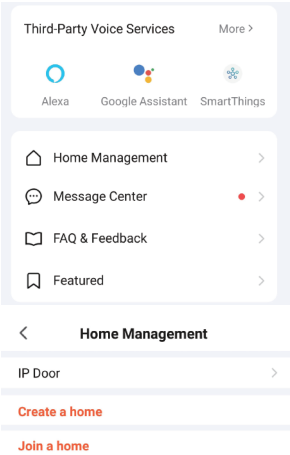
FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different
   from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.