tuya
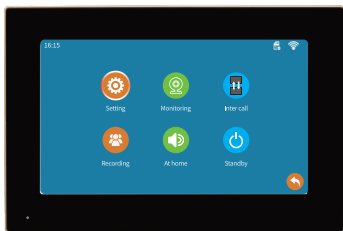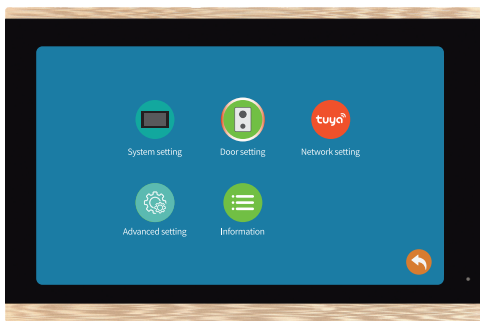
WiFi Video Intercom System

145*88*39mm

198*130*21mm

272*180*20mm

Works with amazon echo Google Home

1 Function

Outdoor doorbell

Resolution	2Mega pixels, 140 Horizontal angle
Night vision	IR CUT no color deviation, B/W night vision
Unlock	Power on or off unlock, unlock delay time setting by indoor monitor

7, 10.1 inch capacitive touch 1024*600 indoor monitor

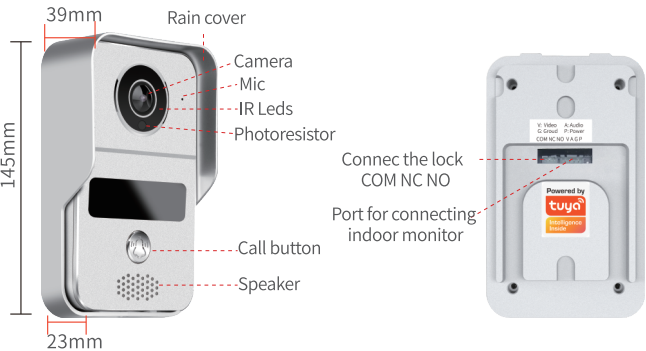|	
Connect	Connect up to 2 outdoo doorbells and 6 indoor monitors, the indoor monitors can talk to each other
Network	Master indoor monitor connects 2.4G WiFi 802.11 b/g/n
Power adapter	Outdoor doorbell and indoor monitor share a 12V 2A power adapter
Function	Take photo, take video, unlock, lock delay, motion detection calendar, adjust brightness, contrast, color
TF Card	External TF card to save photos or videos, leave messages

Tuya APP

tuya	20 App users can connect to the system, users can talk to visitors anytime and anywhere, and take photo or video, monitor, unlock
Message	Push photo to APP when motion detection or call
Playback	Video recording after the call or motion detection
Third-Party	Amazon echo, Google Home, Cloud storage

2 Outdoor camera

39mm
Rain cover
Camera
Mic
IR Leds
Photoresistor
145mm
Call button
Speaker
23mm

V. Video   A. Audio
C. Groud   P. Power
COM NC NO V A G P
Connec the lock
COM NC NO
Powered by
tuya
Intelligence
Inside
Port for connecting
indoor monitor

3 Packing list

Outdoor doorbell

1	2	3	4
Outdoor Doorbell	Unlock cable	Hex screwdriver	Screws and rubber plugs

Indoor monitor

1	2	3	4	5
7 or 10.1 inch indoor monitor	Screw KA4*25 / Hanging plate	12V 2A power supply	DC cable	5meters 4pin cable

4 Installation diagram

The outdoor 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 outdoor doorbell on the wall, wooden board, door, It can also be installed on the 86 box.

140° Horizontal angle

1.4~1.7 Meters

3 Meters

86 Box
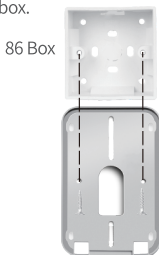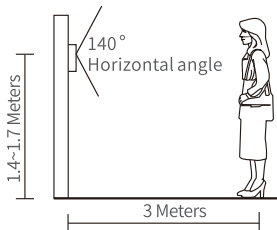
1. Use the drill bit to drill three holes. One hole is large enough to pass through the 4pin cable, use anchors if user install outdoor doorbell on brick or concrete.

Diameter >1.5cm

Outdoor   Outdoor   Indoor
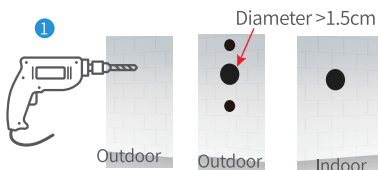
2. Remove the screws from the rain cover
3. The rain cover is separated from the doorbell

Outdoor

Indoor

4. The 4pin cable goes through the hole in the wall
5. Fix the rain cover with two screws
6. Plug the rain cover on the doorbell and fix the bottom screws
7. Fix the hanging plate to the wall with two screws
8. Insert the MicroSD card to the slot of indoor monitor
9. Connect the other end of the 4pin cable to Door1 or Door2 of the indoor monitor
10. Connect the indoor monitor to a 12V 2A power adapter
11. Hang the indoor monitor to the hanging plate

5 Schematic diagram of connect the lock

Note: Unlock voltage is 12V. Pls check the ower supply specification to purchase separately.
Please set the unlock delay time in the master indoor monitor.

Power on unlocking

Power off unlocking
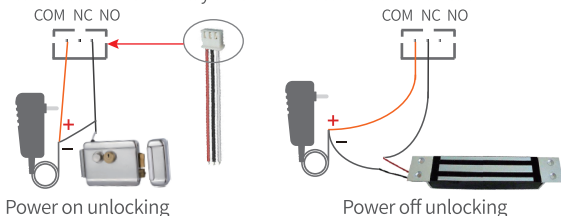
6 Connect outdoor doorbell and indoor monitor

Doo1, Door2:
Connect the 4pin cable, the other end of the 4pin cable connects to the doorbell.

Doo1

Doo2

In

Door1

Door2

P: Power   D: Data
G: Groud
A: Audio
V: Video

TF card slot

Connect to 12V 2A
power supply

Out
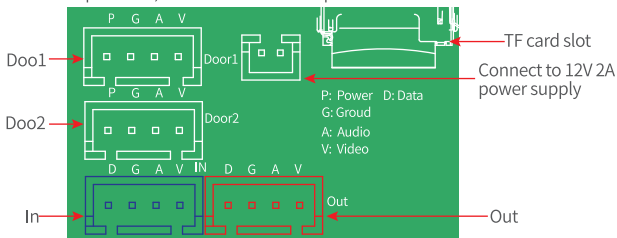
In: Connect the 4pin cable, the other end of the 4pin cable connects to the "Out" of the last indoor monitor
Out: Connect the 4pin cable, the other end of the 4pin cable connects to the "In" of the next slave

4

1. The 4pin port of the outdoor doorbell same as that of the indoor monitor.
The other end of the 4pin cable is connected to "Door1" of the indoor monitor.
If there are two outdoor doorbell, the other outdoor doorbell is connected to "Door2"
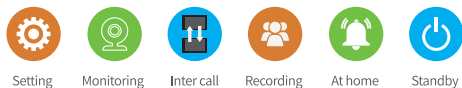**2.** Connect up to 2 outdoor doorbells and 6 indoor monitors.
Note: Enter "Settings" -> "System Settings" of the indoor monitor, the device ID of the master indoor monitor connected to the outdoor doorbell is 1.
The slave indoor monitors are sequentially set to 2, 3, 4, 5, 6.

System setting	Device ID	< 1 >
	Time	2021-10-26 16:50 >

COM NC NO   V A G P   5meters 4pin cable

Master

Door1
Door2   12V 2A   TF

OUT   <30meters   router   Tuya Smart

Slave   12V 2A   TF

IN   OUT

Slave   12V 2A   TF

IN
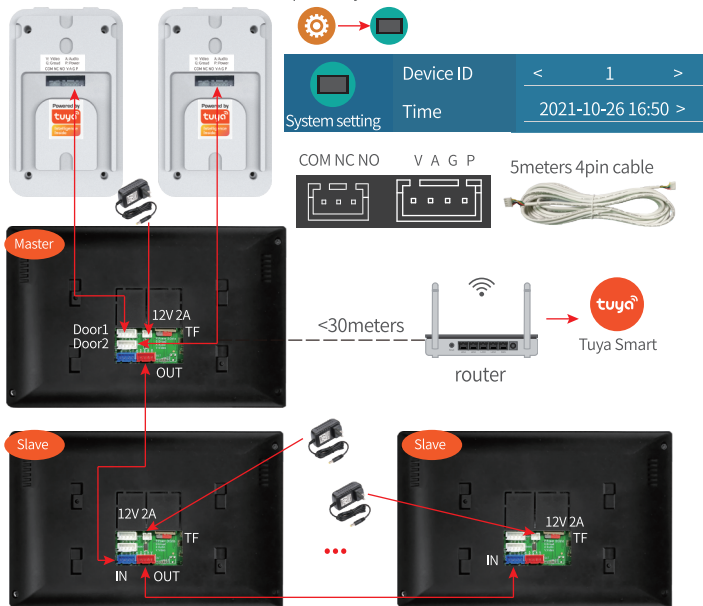
7 Indoor monitor operation introduction

Setting   Monitoring   Inter call   Recording   At home   Standby

1. Settings

System setting   Door setting   Network setting   Advanced setting   Information

System setting:
Device ID: Master indoor monitor setting connected to outdoor doorbell，Master indoor monitor ID setting to **1**. ID of Slaves are setting sequentially 2, 3, 4, 5, 6

Standby clock switch: on/off
Language: English, Russian, French, Spanish, German and Simplified Chinese
Key tone: on/off
Ring back: on/off

Network setting (Can only be set on the master indoor monitor)
The master indoor monitor is connected to 2.4G WiFi, include "EZ Mode" and "AP Mode", for specific operations, please refer to "**9 Add Device**" below.

Advanced settings
Format SD disk, Factory Settings, Software upgrade, restart system.

Information
Software version, Release date, SD remain space, UUID

2. Click "Monitoring" button or after visitor presses the "call" button of the outdoor doorbell.

Monitor next doorbell

Take a photo

Adjust the brightness,
Contrast,
saturation

Video

Unlock   Talk   Hang up

Zoom out

Zoom in

Talking: User is talking with the visitor.

This icon will appear after visitor presses the "call" button of the outdoor doorbell. If user find that visitors are looking for another indoor monitor, User can transfer to another indoor monitor to talk with visitor.

2   3   4   5   6   ALL

3. After clicking "Inter call", user can call other indoor monitor.

2   3   4   5   6   ALL

4. Click "Recording" to display the record of call, message, Motion. Short press the file to play video or browse the photo, long press to select "Delete", "All delete", "all read ".

Call   Message   Motion

5. Working modes

Note: The indoor monitor needs to insert the TF card and the message is enabled.

1. At home: After the visitor presses the "call" button, the indoor monitor rings, T uya APP will receive the call or receives the push, and if the call is not answered, outdoor doorbell will prompt to leave a message.

2. Not at home: After the visitor presses the "call" button, the visitor will be prompted to leave a message, Tuya APP will receives the push.

3. Dormant: When calling, neither the outdoor doorbell nor the indoor station have ringtones or prompts, the APP will receive the call.

Door settings
Note: Below setting by the main indoor monitor, the slave synchronizes the settings.
Enable switch: Please check whether the outdoor doorbell is connected. If only one
　　　　　　　outdoor doorbell is connected, please turn off the enable of the
　　　　　　　unconnected outdoor doorbell.
Unlock delay： Set the time of close lock.
Record mode: Take video or photo when visitor calls or motion detection is triggered.
Motion detect switch: Motion detection enabled or disabled.
Motion detect sensitivity: low/medium/high
Motion detection duration: After triggering motion detection, set the recording time
Message switch: Turn on/off the leave a message.
Message time: Set the leave a message time.
Signal mode: PAL/NTSC/Automatic
Signal type: The outdoor doorbell is AHD1080, if user connect to other analog outdoor
　　　　　　doorbells, please select the signal format，Select automatic detection,
　　　　　　so that the door phone can be used normally.
　　　　　　Support AHD1080/AHD720/TVI720/TVI1080/CVI720/CVI1080/CVBS.
Ring setting: Can setting by slave indoor monitor
　　　　　　　Set the ringtones for 3 time periods, the ringing time of the ringtone,
　　　　　　　choose one of 10 ringtones, Ringer volume 0~10

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

9 APP 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 user who adds the device will become the family owner and can set the
　　family owner or general 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.
　　User 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.

10 Add Master indoor monitor to APP
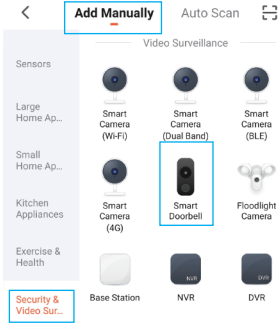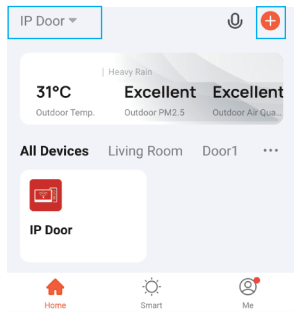**Note:** only the master can connect to the Tuya Smart APP, the slave cannot be connect.
Click "Settings" to enter "Network Settings" to enter the network setting.

Indoor monitor has two network pairing modes 1. EZ Mode 2. AP Mode

Network pairing Mode	<	EZ Mode	>
Cloud services		Unconnected	
IP address			
MAC		f0:c8:14:d0:a6:08	

Network pairing Mode	<	AP Mode	>
Cloud services		Unconnected	
WIFI Hotspot			
Password			

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

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

❸ Select item 3 "EZ mode"

❹ Confirm that the indoor monitor is in the network configuration mode, check it, and click "Next".
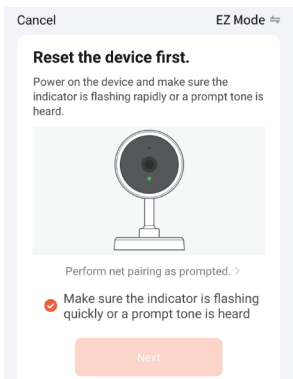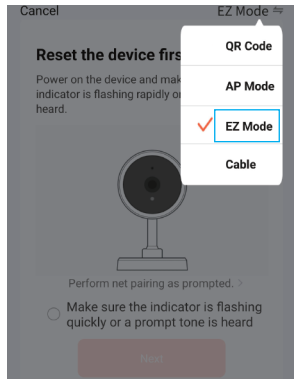
The indoor monitor only connect 2.4G WiFi, cannot connect 5G WiFi signal!

⑤ Select the 2.4GHz WiFi to be connected, enter the WiFi password then click "Next".

⑥ Enter the "Adding device..." then "Scan devices." -> "Register on Cloud." -> Initialize the device.", Wait for about 1 minute.
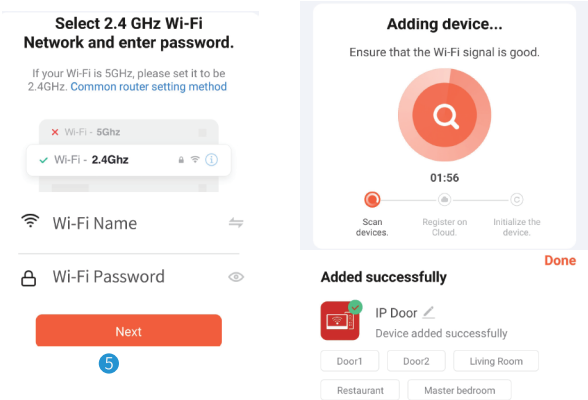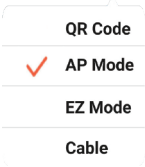
⑦ It shows that the added successfully, user can modify the device name, and click "Done" to finish the adding the device.

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

Adding device...

Ensure that the Wi-Fi signal is good.

01:56

Scan devices. — Register on Cloud. — Initialize the device.

⑥

Done

Added successfully

🖼 IP Door ✏
Device added successfully

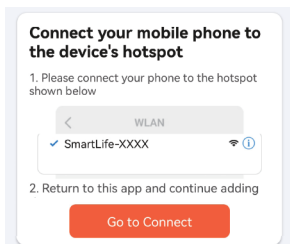| Door1 | Door2 | Living Room |
| Restaurant | Master bedroom |

⑦

2. AP Mode

Select "AP Mode" then click the "return" 🔙 icon, the indoor monitor will restart system, and then return to the network setting interface, will display hotspot SmartLife-XXXXXX, the password is 12345678.

Network pairing Mode	< AP Mode >
Cloud services	Unconnected
WiFi Hotspot	SmartLife-xxxxxx
Password	12345678

QR Code

✓ AP Mode

EZ Mode

Cable

① Click "+" on the top right of the homepage.

② Select "Add Manually"->"Security & Video Surveillane" -> "Smart Doorbell".

③ Select the second item "AP Mode"

④ Check this check box and click "Next".

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

⑥ Click the "Go to Connect" icon.

⑦ Connect to the SmartLife-XXXXXX hotspot, enter the password "12345678", Click the "Back" icon in the upper left corner to return to the APP.

9

Connect your mobile phone to the device's hotspot

1. Please connect your phone to the hotspot shown below

⟨ WLAN

✓ SmartLife-XXXX 📶 ⓘ

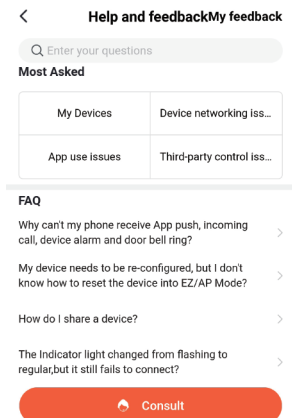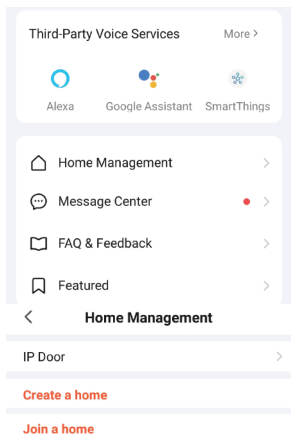2. Return to this app and continue adding

Go to Connect

← WLAN ⓘ

WLAN 🔵

SmartLife-XXXXXX

Signal strength   Excellent

Encryption type   WPA2-Personal

CANCEL   FORGET   CONNECT
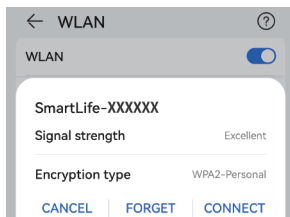
⑥   ⑦

⑧ Enter the "Adding device..." then "Scan devices." -> "Register on Cloud" -> "Initialize the device". This process takes about 1 minute.

⑨ It shows that the added successfully, user can modify the device name, and click "Done" to finish the adding the device.

11 Help and service

Users can click "Me" of hompage on the APP to enter "service and help".

1 "Voice third-party service", user 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 user are not familiar with the app or device, pls check "Help and Feedback".

Third-Party Voice Services   More ›

Alexa   Google Assistant   SmartThings

🏠 Home Management ›

💬 Message Center ● ›

🗂 FAQ & Feedback ›

🔖 Featured ›

‹   **Home Management**

IP Door ›

Create a home

Join a home

‹   **Help and feedbackMy feedback**

🔍 Enter your questions

Most Asked

My Devices	Device networking iss...
App use issues	Third-party control iss...

FAQ

Why can't my phone receive App push, incoming call, device alarm and door bell ring? ›

My device needs to be re-configured, but I don't know how to reset the device into EZ/AP Mode? ›

How do I share a device? ›

The Indicator light changed from flashing to regular,but it still fails to connect? ›

🗨 **Consult**

12 Live video

Click on the device on the homepage of APP to enter the living screen, user can take photos, talk, video, unlock, playback(stored in the MicroSD Card), and view albums.

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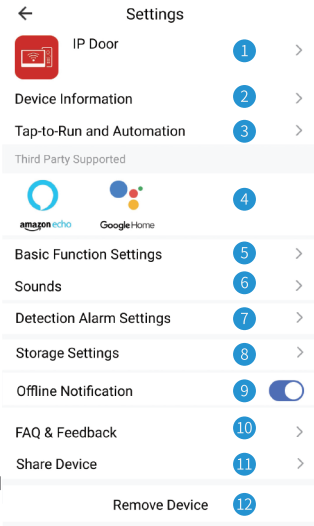

Unlock: Unlock and save all records.
Message: Take photos and videos during incoming calls or motion detection.
Cloud: The photos and videos stored in the cloud server during incoming calls or motion detection, do not worry about losing the doorbell.

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 Motion detection and call push

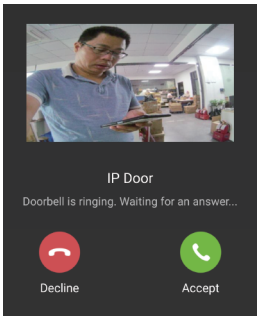1 After the visitor presses the call button, push notifications online

 Tuya Smart   Now

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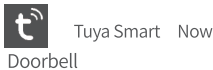
2 The mobile phone standby state is pushed notifications as follows

 Tuya Smart   1m   v
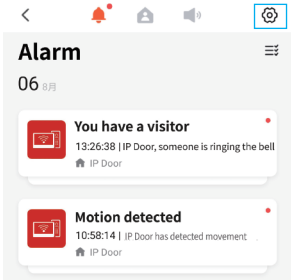
Motion detected

IP Door has detected movement

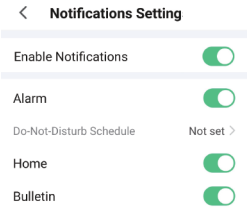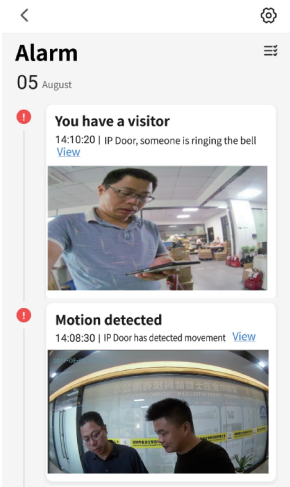**You have a visitor**

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   ⬤

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.