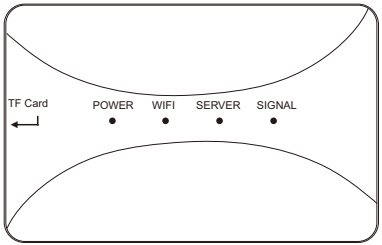
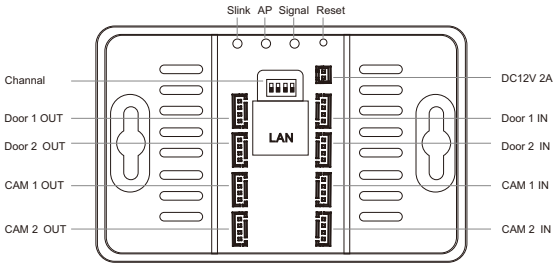
OPERATION INSTRUCTION

WiFi BOX

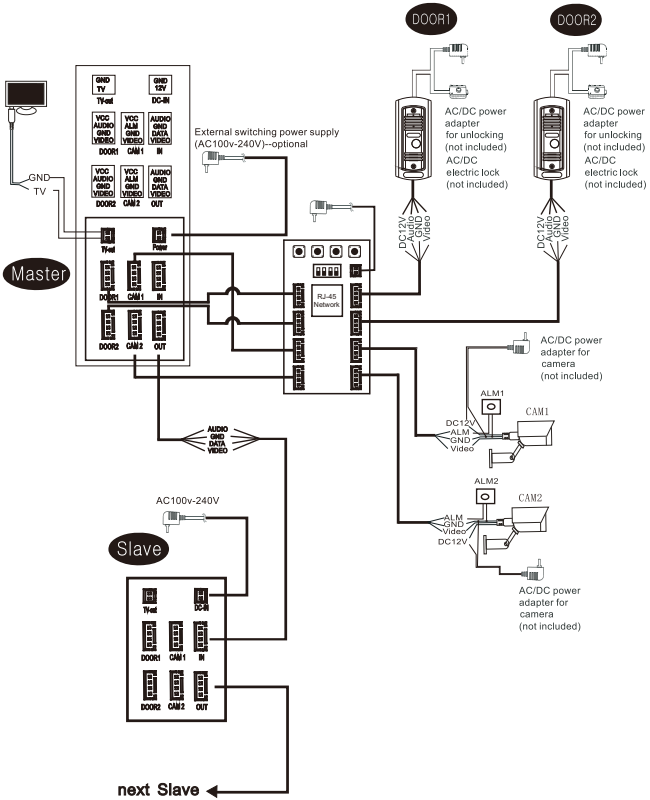
MC-0434-V2.0

1. Appearance Introduction





2. Wiring Diagram



3. Buttons Instruction

Slink button: Switch the net pairing mode to EZ mode. The switch is valid only when the SERVER light is not always on. Short press the SLINK button to restart the WiFi box. After the restart, the WiFi light (green light) flashes slowly, and switches successfully.

AP button: Switch the Net pairing mode to AP mode. The switch is valid only when the SERVER light is not always on. Press the AP button briefly to restart the WiFi box. After the restart, the SERVER light (blue light) flashes slowly, and the WiFi hospot is generated, and switches successfully. Mobile WiFi hotspot SSID: “SmartLife-xxxxxx” passwd “12345678”. (xxxxxx means the last six number for device Mac. address, every device have unique Mac. user though unique Mac. find correct hot spot).

SIGNAL button: Setup PAL manually, short press SIGNAL button to switch the channel, long press SIGNAL button confirm and exit from setup.

RESET button: Long press with 5s, the device will enter into factory setup, and restart the WiFi box again.

Note:

1. Restoring the factory setup manually setting standard will restore automatic recognition.
2. Restoring the factory setup will disconnect from the network, mobile App need to reconfigure network to connect the device.

4. Indicator Instruction

Status	Indicator Light	Other Instructions
Normal power supply	POWER light ON	
Booting	WiFi/SERVER/SIGNAL light ON	Cleck the lights are ok
Finish booting	WiFi/SEVER/SIGNAL light OFF	Initial status of light effect
EZ mode	WiFi light flashes slow	
Router connecting	WiFi light flashes fast	
Net configuration successfully	WiFi light ON	
Router disconnect or network disconnected	WiFi and SERVER light OFF	
WiFi hotspot network confirmation mode	SERVER light flashes slow	
Server connect successfully	SERVER light ON	
Server disconnected	SERVER light OFF	

5. App Download And Register

1. Download “Tuya smart” App before Apple store or google player.
2. Open App to register an account, make sure choose the correct country and area.

3. Login the App after registration.

Note: Network connection need to use mobile App (Tuya smart).

6. Net Pairing Mode

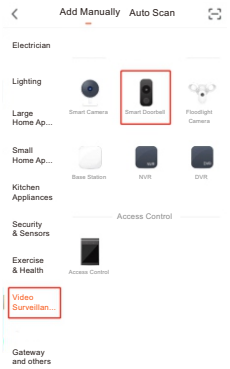
WiFi BOX support 3 types of net pairing modes, EZ Mode, AP Mode, Cable Mode.

EZ Mode

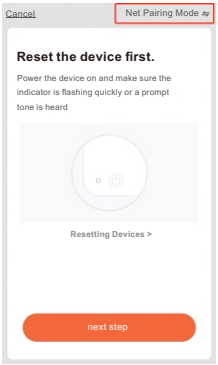
WiFi light flashes (slow), SERVER light OFF, when WiFi box receive the SSID and password from mobile App, connection WiFi router, WiFi light flash fast, after connecting to router and server successfully, WiFi light and SERVER light ON.

Steps:

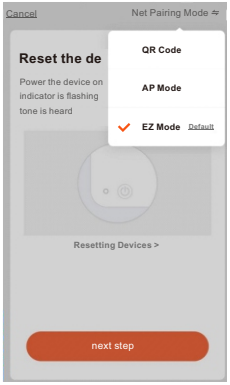
1. Press device SLINK button starts EZ Mode, device auto booting, WiFi light flashes slow if connect successfully.
2. Open “TuyaSmart” App, click “Add Device” or press right corner “+” to add device, enter below page (picture 1).
3. Select “Smart Doorbell” under “Video Surveillance” category, enter below page (picture 2).
4. Select right corner “Net Pairing Mode”, enter below page (picture 3).
5. Select “EZ Mode” click “Next Step”, enter below page(picture 4).
6. Input family WiFi name and password, click “Confirm”, enter below page (picture 5).
7. WiFi light flashes fast in connection, wait until 100% finish, enter below page (picture 6).
8. Click “Done” device connected successfully, WiFi light, SERVER lignt ON.



Picture 1



Picture 2



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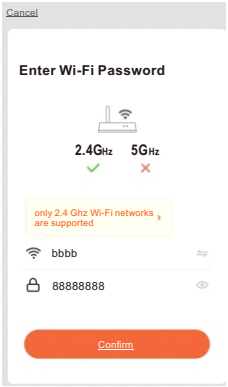
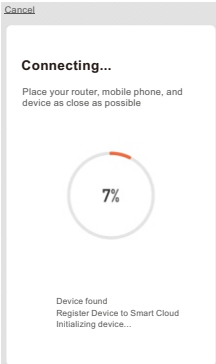


Picture 4



Picture 5

Picture 6

AP Mode

SERVER light flashes (slow), WiFi light OFF, when WiFi box receive the SSID and password from mobile App, connecting WiFi router, WiFi light flash fast, after connecting to router and server successfully, WiFi light and SERVER light ON.

Steps:

1. Open mobile “Setting” – “WiFi setting” check if can search hot spot “SmartLife-xxxxxx”, if yes, back to step 3, if not, back to step2.

2. Press device AP button to starts AP mode, device will be default named as “SmartLife-xxxxxx” WiFi hot spot, password is 12345678, AP mode starts successfully, SERVER light flashes slow.

3. Open “TuyaSmart” App, click “Add Device” or press right corner “+” to add device, enter below page (picture 7).

4. Select “Smart doorbell” under “Video Surveillance” category, enter below page (picture 8).

5. Select “Net Pairing Mode”, enter below page (picture 9).

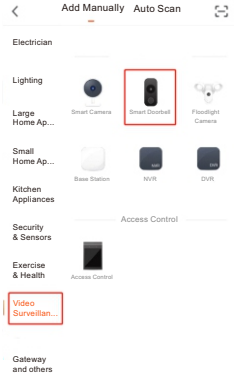
6. Select “AP Mode”, click “Next Step”, enter below page (picture 10).

7. Input family WiFi name and password, click “Confirm”, enter below page (picture 11).

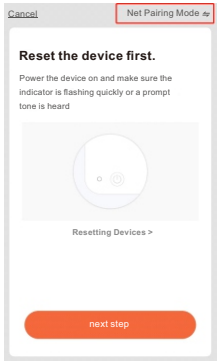
8. Open mobile “Setting” – “WiFi setting” – connect “SmartLife-XXXXXX”, back to TuyaSmart App once connected, enter below pages (picture 12).

9. WiFi light flashes fast in connection, wait it is to 100% finished, enter below page (picture 13).

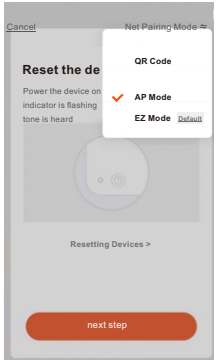
10. Click “Done” device connected successfully, WiFi light, SERVER light ON.



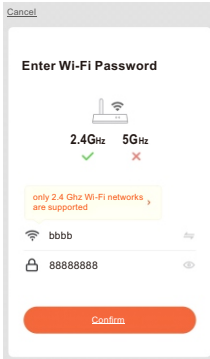
Picture 7



Picture 8



Picture 9



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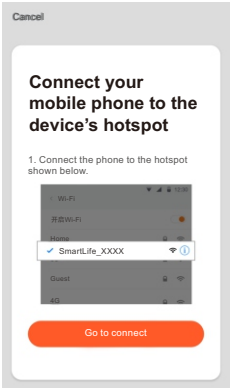
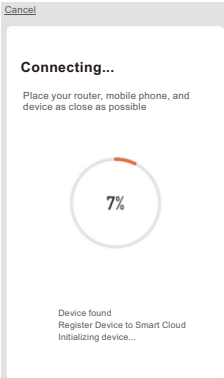
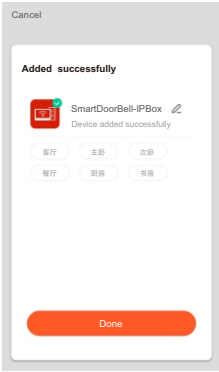


Picture 11



Picture 12



Picture 13

Cable Mode

Need to switch to EZ Mode first, WiFi light flashes slow, SERVER light OFF, when wired connection, WiFi light flashes fast , connected to router successfully, connected to server successfully, WiFi light and SERVER light keep ON.

Steps:

1. Press SLINK button enter EZ Mode, WiFi box use network cable connect to family LAN.
2. Mobile connects to family WiFi, make sure connect to the same router as WiFi box.
3. Open "TuyaSmart" App, click "Add Device" or press right corner "+" to add device, enter below page(picture 14).
4. Select "Smart doorbell" under category "Video Surveillance",enter below page (picture 15).

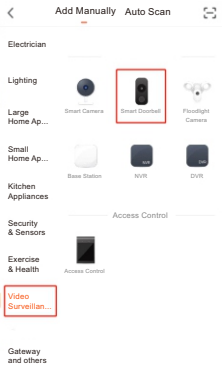
5. Select right corner “Net Pairing Mode”, select “Cable”, click to “Next step”, enter below page(picture 16).

6. Use mobile to search, the devices nearby will be show on the mobile, search successfully enter below page (picture 17).

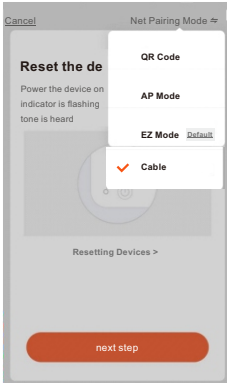
7. WiFi box device name is “Smart DoorBell-IP Box”, selected the device need to Bind, enter below page (picture 18).

8. WiFi light flashes fast in connection, wait it is to 100% finished, enter below page (picture 19).

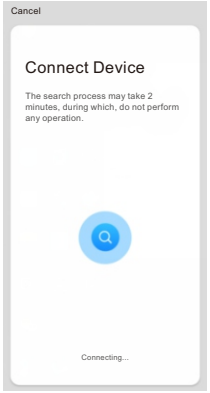
9. Click “Done” device connected successfully, WiFi light, SERVER light ON.



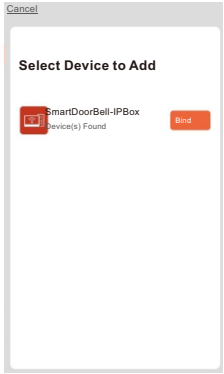
Picture 14



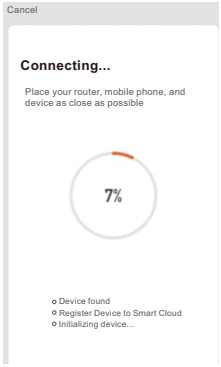
Picture 15



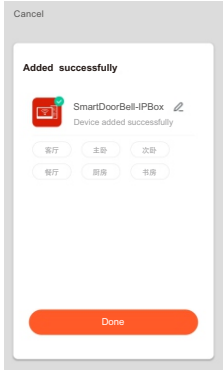
Picture 16



Picture 17



Picture 18



Picture 19

7. Others Function

Outdoor station volume adjustment

When SERVER light ON, and door station is monitoring, calling, intercom, short press AP button to reduce the volume, short press SLINK button to increase volume.

Storge: Max support 32G class 10TF card, insert SD card on IP Box, from smart phone APP can playback calling record from doorstation to smart phone.

8. Signal Setup

1.Short press SIGNAL button choose channel, 4 channels with Door1, Door2, CAM1, CAM2,press SIGNAL button per time to switch channel, check the signal indicator light status when switching channels to check current channel switched or not. Below form status as follow:

Definition for press signal button times	WiFi light status	SERVER light status	Channel
1	OFF	OFF	Door 1
2	OFF	ON	Door 2
3	ON	OFF	Camera 1
4	ON	ON	Camera 2

2. Dialing to choose signal, the rules are as follows:

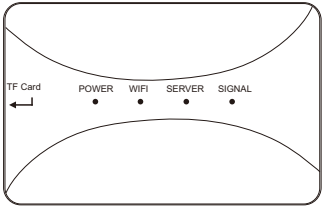
NOTE: Dialing switch silk printing with 1-4 four dialing numbers, the serial number (down) side means 1, and the number (up) side means 0. The default factory setting is the automatic identification standard 1111.

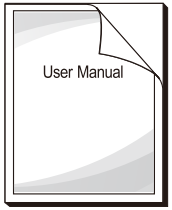
Dialing switch value (1|2|3|4)	Signal
0000	Remain (Reserved port)
0001	CVBS (NTSC)
0010	CVBS (PAL)
0011	AHD720 (NTSC)
0100	AHD720 (PAL)
0101	AHD1080 (NTSC)
0110	AHD1080 (PAL)
0111	TVI720 (NTSC)
1000	TVI720 (PAL)
1001	TVI1080 (NTSC)
1010	TVI1080 (PAL)
1011	CVI720 (NTSC)
1100	CVI720 (PAL)
1101	CVI1080 (NTSC)
1110	CVI1080 (PAL)
1111	Auto recognition signal

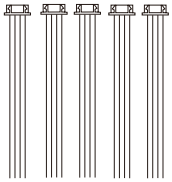
3. Long press SGINAL button for 5s to confirm setup, during setting, SIGNAL light flashing, SIGNAL light OFF after setup successfully for 3s, WIFI light and SERVER light are recovered to be ON; SGINAL light OFF when setup failed, ON after 3s.

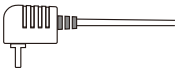
Note: Current version not support change signal during device running. If need to change door station signal, please rebooting WiFi box.

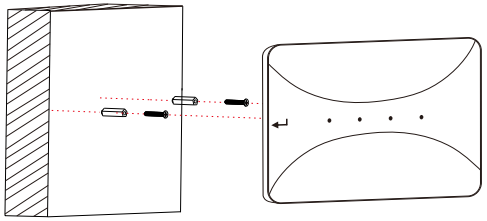
9. Accessories









- WiFi Box---------- 1PCS
- Plastic anchors----------2PCS
- Screws---------- 2PCS
- 4 Pin line---------- 8PCS
- User Manual---------- 1PCS
- External power supply switch (DC12V 2A)---------- 1PCS

10. Installation