

Doorcam User Manual



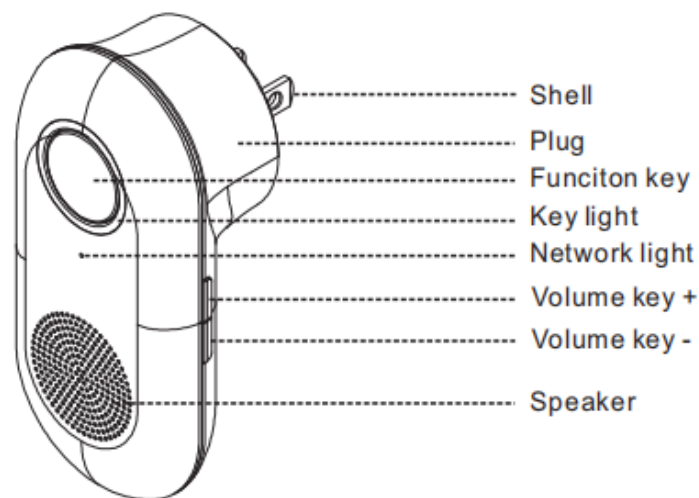
www.vstarcam.com

Function and Features

- ◎ Visitor records, visitor snapshot and other information are stored in the cloud, user can check at anytime, anywhere;
- ◎ Press doorcam, will automatically snapshot and push to the smartphone APP;
- ◎ CMOS image sensor;
- ◎ Easy to install, can use 3M adhesive paste installation or screw fixation;
- ◎ Ultra-low power consumption, 2pcs AAA batteries can last for one year;
- ◎ Never offline, WiFi + RF wireless transmission, always keep online;
- ◎ Anti-theft alarm function, when the outdoor unit leave the wall, the indoor unit will be issued an alarm;
- ◎ Clear night vision, even at no light condition can automatic fill light

Product Diagram

I. Indoor Unit



Function key

Quickly press it three times, it will enter code pairing mode

Long pressing for 5 seconds, WiFi settings will be reset

Key light Flash quickly: Switch ringtone/talking to outdoor unit

Flash slowly: Network connection failure

Network light Indicate the network status, more details, please see the chart below.

Volume key +

Raise the volume/switch to the last ringtone

Volume key -

Lower the volume/switch to the next ringtone

Speaker

Issue ringtone

Meaning of indoor indicator light:

Network indicator light (red)	Key light (blue)	Meaning
Flash once per sec	off	Waiting for WiFi configuration
Stable on	off	WiFi configuration success
Stable on	Flash once per sec	WiFi configuration failure
Flash quickly	off	Code pairing
Stable on	Flash slowly	Switch ringtone and volume
Stable on	Flash quickly→Flash slowly	Pressed doorbell

II. Specification**Outdoor device**

Picture resolution: 480X320

Night Vision: One white light

Power supply mode: DC 3V (two 1.5v AAA batteries)

Transmission: RF+WiFi

Installation: 3M glue or screw fixed

Image sensor: 1/4 CMOS sensor

Lens: 98.5 °, F2.4 aperture

Alarm: buzzer

Size: 121*67*16.5

Indoor device

WiFi: WiFi2.4G

Transmission distance: RF 30 meters + WiFi 30 meters

Rated input voltage: Wide voltage 100V-240V AC

Alarm: buzzer

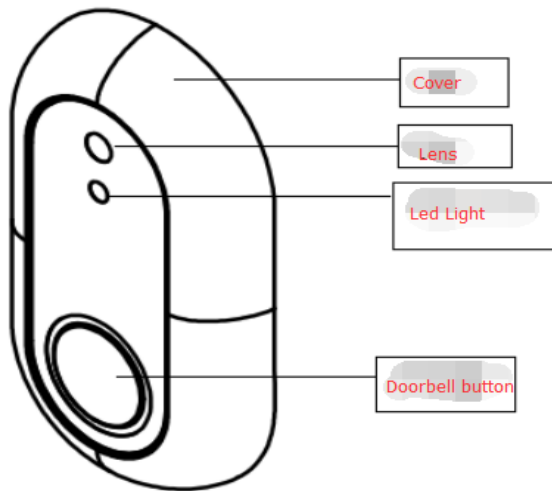
Shell material: flame retardant abs plastic.

Plug : US and EU

Size: 99*46*50

III. Product introduction

Outdoor Unit



CoverCover

LensTake snapshot of visitors

LED lightWhen the light is not enough, auto fill the light,optimize the capture effect.

Doorbell ButtonVisitors press the button and the indoor unit rings and take snaps of visitors.

IV. Connect the Doorbell

Please follow these steps to install the doorbell:

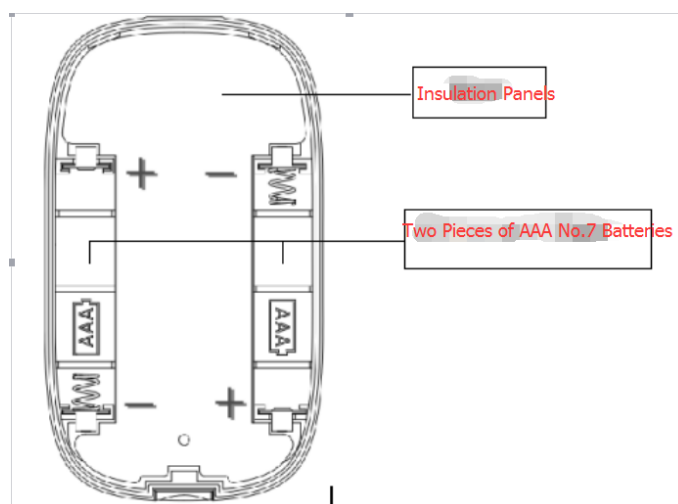
Step 1:Open the box and take out the indoor unit, outdoor unit and accessories.

Step 2: Install the battery for the outdoor unit.

Remove the outdoor unit from the rain-proof cover, take away the back cover along the gap, confirm the positive and negative electrode of the battery according to the diagram, laid down a pair of batteries correctly, and then put the back cover back in.

When the doorbell is properly energized, the key light flashes three times.

Note: If the battery is wrongly placed, the electronic components of the doorbell may be burnt.

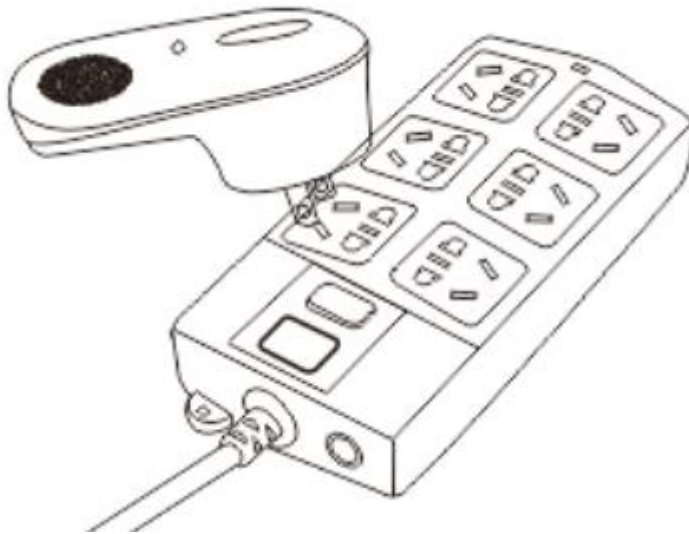


Step 3: Plug in the indoor unit (socket or plug).

After powered on, the indoor unit makes two dingdong sound, the key light will be on and go out after 2 seconds.

Note: Please plug in the indoor unit in the socket 5 meters away from the router.

英 6



Step 4: Take the outdoor unit together with the indoor unit(within two meters), make sure they are communicating with each other. After finish all the settings, we can install it to the door or wall.

Note: The indoor and outdoor units have been paired when out of factory, which can be confirmed by the following methods: Short press the outdoor unit, if the indoor unit rings and the white light on the outdoor flash once, that means the indoor and outdoor units have been successfully paired.

If the indoor unit does not ring and the outdoor unit make beep sound, that means they are not paired, and the code matching should be re-conducted according to the method in the "Code Pairing" section below.

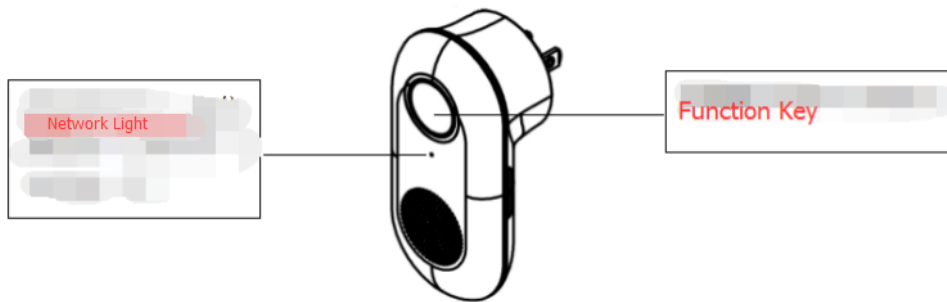
Step 5: If the indoor and outdoor units are successful paired, and all the indicator lights function normally, please jump to the "**Add the doorbell to mobile phone APP**" section and start to configure WiFi for the doorbell.

V. Reset and Code matching

1. Reset(Re-configure the WiFi network)

Power on the indoor unit, long pressing the function key for 3~5 seconds, it will make doorbell sound. After release the function key, the red indicator will flash once per second, which means it has been reset successfully.

Note: If the indicator does not flash once per second, please reset it again by referring to the guide above.



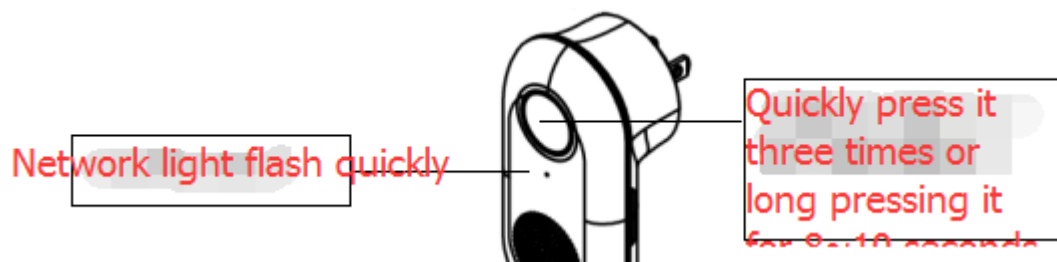
2. Code Pairing (To pair the indoor and outdoor units)

Note: Please follow the steps below, to press the indoor unit first and then press the outdoor unit. Don't press them at the same time.

Step 1:

Indoor unit

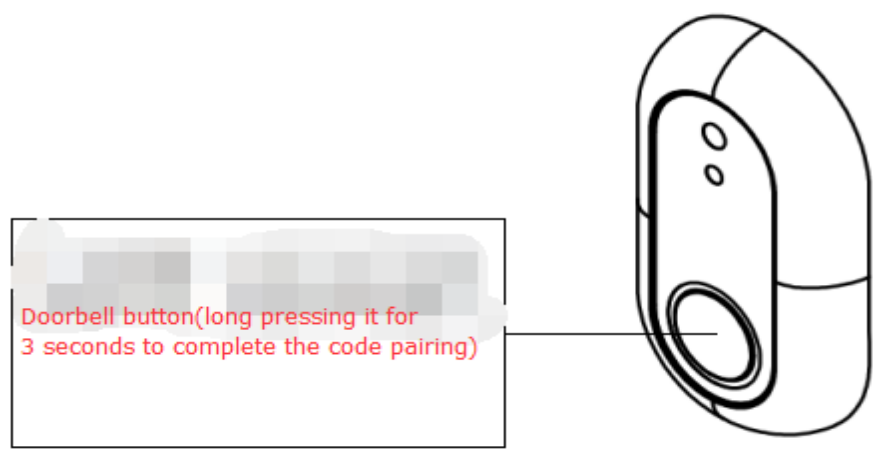
To press the function key of the **indoor unit** three times quickly, it will make doorbell sound and the red network indicator will flash quickly, then it will enter waiting code matching status. 英 10



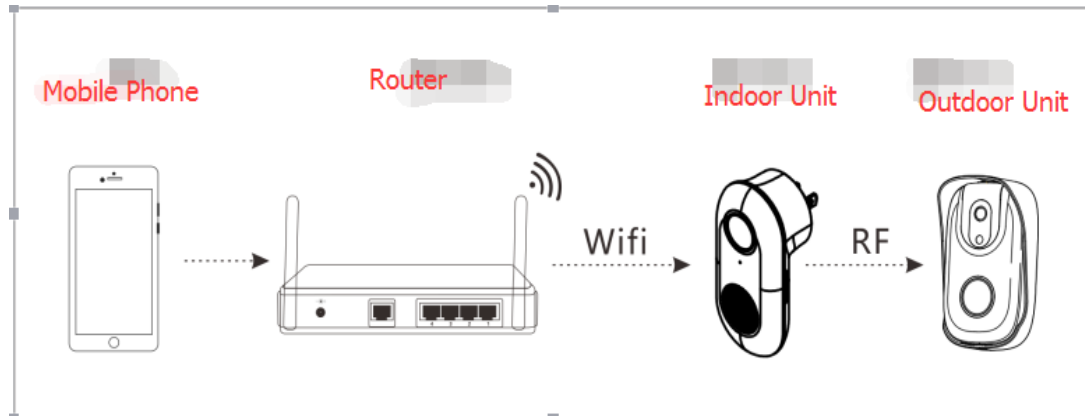
Step 2:

Outdoor unit

Keep holding the doorbell button on the **outdoor unit** for 3 seconds to send the code to the indoor unit, then the code matching will be completed. If the code matching is successful, when pressing the doorbell button on the outdoor unit, the indoor unit will make doorbell sound, the red network light will become steady on.



VI. Connection Topology



VII. Add the doorbell to the APP

1、Software download

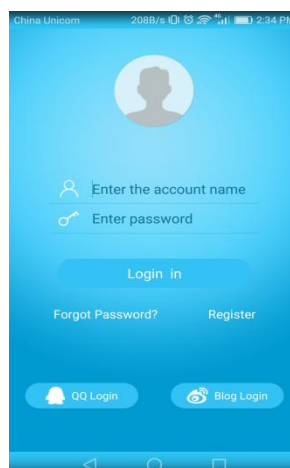
- ① Go to Google Play or Apple Store to search 'Eye4' and to download.
- ② Visit [<http://www.eyeye4.so>] for software download and install.
- ③ Scan QR code to download.



2、Register account

For android / iOS client APP, please select “Register now”, click to enter the registration page, enter user name, password, then confirm to complete the registration.

英 14



3、Add device

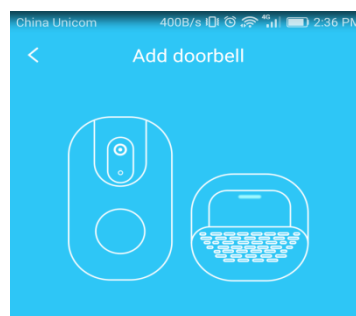
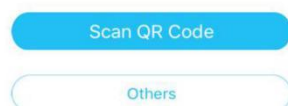
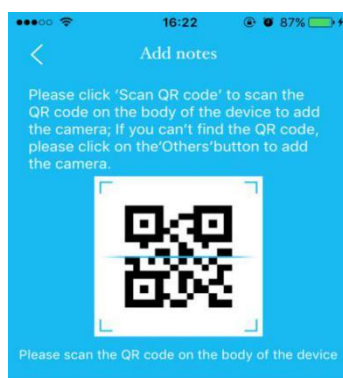
Add indoor unit to the APP for mobile phone

Please refer to the steps ①②③ below in sequence.

① Login the APP, click on “+” on the top right corner. There are two ways to add the doorbell:

A. **To scan QR code.** Tap the ‘To scan QR code’ and scan the QR code on the label of the indoor unit, then follow the prompt on the APP, go to step ②.

图 15-1 图 15-2

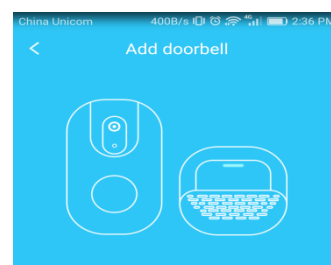
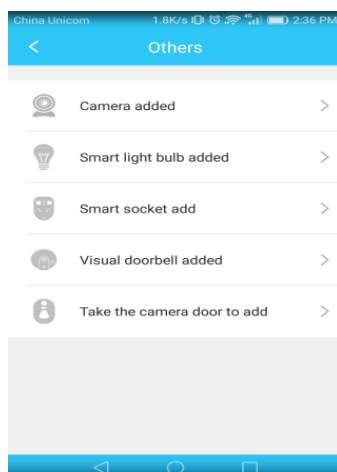


The indicator is in other status

☒ The indicator flash once per second

Next

B. If it failed to add by scanning QR code, then please refer to the ‘Others→Take the camera door to add→D2 smart doorbell’, then follow the prompt on the APP, go to step ②.



The indicator is in other status

☒ The indicator flash once per second

Next

Attention: If the indicator does not flash at once per second, please reset the indoor unit.

【Reset method: Please refer to the reset method in chapter VIII】

② The step ② for different phones are as follows:

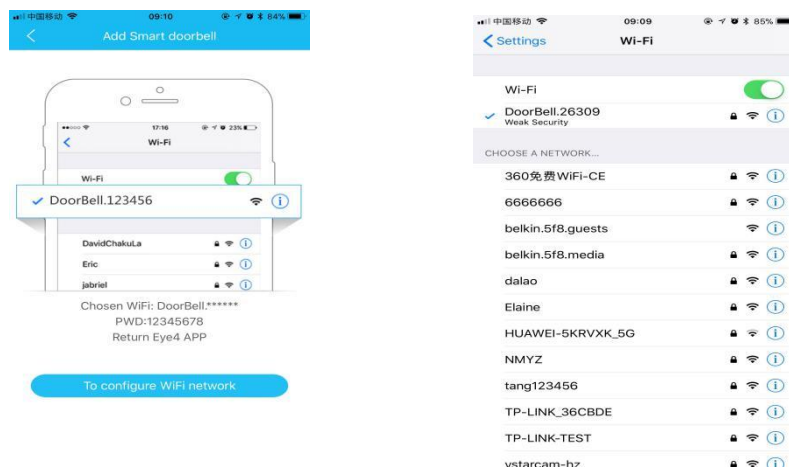
Android devices

To add the doorbell for the first time, please select the WiFi that the phone connected and input the WiFi password, then go to next.

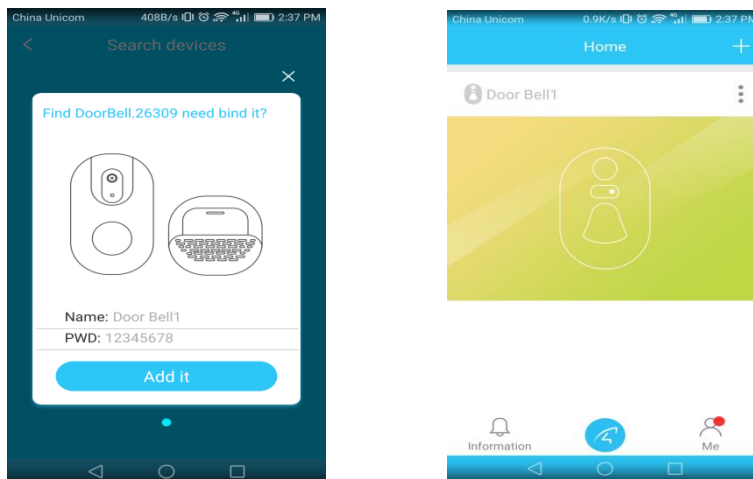
IOS devices

To add the doorbell for the first time, please follow the guide on the page, manually connect to the doorbell's hotspot DoorBell.XXXXXX, input the password of the hotspot: 12345678, then return to the APP, select the home WiFi,input the WiFi password and click to go to next step.

图 18-1 和图 18-2



The APP will find the smart doorcam nearby, customize the name and click Add to bind the doorbell. Then it will enter the automatic network configuration status(this process will lasts about 20 seconds), after successfully bound, the doorcam will be shown in the APP.



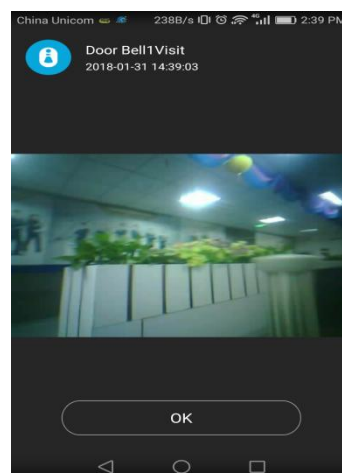
Note: 1. After the indoor unit being successfully bound to the APP, the red network indicator on the indoor unit will be steady on. If the indicator display abnormally or the device does not work properly, please check the connection and try to reset the device and re-add it.

2. The indoor and outdoor units have been paired when out of factory, in case of unexpected factors lead to disconnection between them, please follow the steps of code matching in chapter VIII to re-match them.

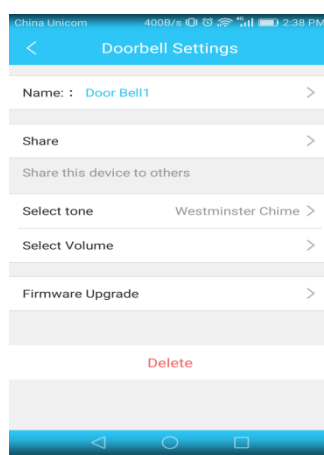
XI、Use and share

① When visitor comes to press the doorcam, the outdoor unit will take a snapshot , and push the picture to the smartphone ; the indoor unit will also issue doorbell tone.

图 21



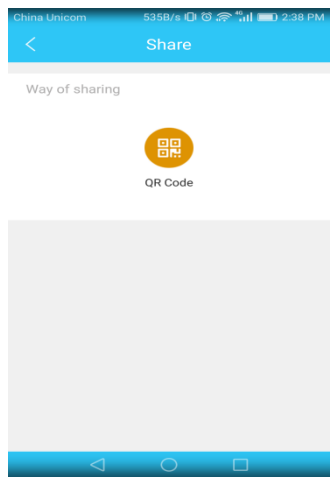
② On the home page of the right corner of the doorbell, We can re-name the smartphones, choose other of the doorbell and upgrade



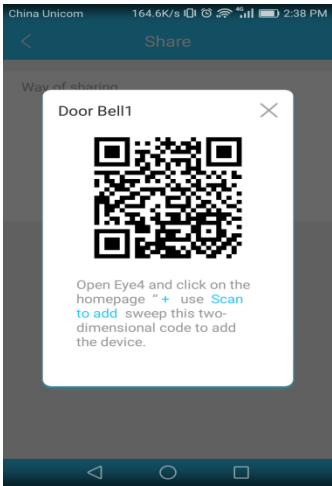
APP, click the  on the go to settings of the doorbell. doorbell, share it to other ringtone, adjust the volume firmware.图 22

Note: The ‘share’ is the way that the host user share the QR code and other users with different account scan it to add the doorbell.

图 23-1 和 23-2（二维码打马赛克）

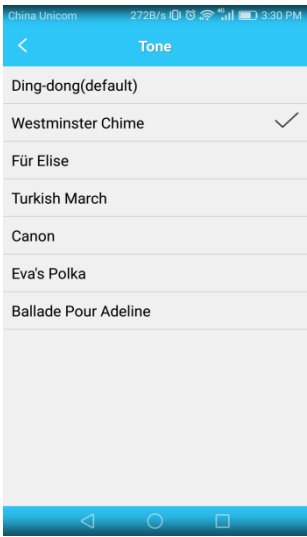


③



Multiple
Ringtones.In

addition to the default tinkling ringtone,there are 6 extra sweet ringtones to choose from, users can choose the Ringtones according to their preference. 图 24



6.Installation

After finishing the settings, please install the outdoor unit on the wall or the door.
There are two ways to install the doorbell: 3M glue fixing and screw mounting.
Install the outdoor unit to the wall

A. 3M Glue Fixing

Remove the 3M release paper from the back of the outdoor unit.

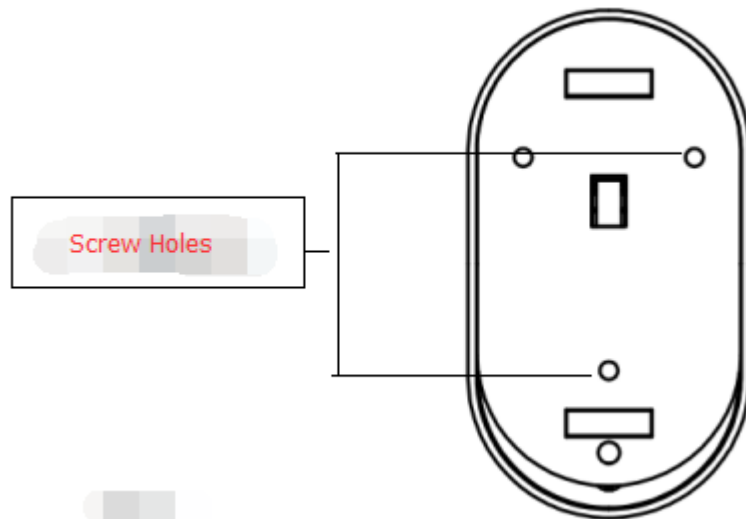
Stick it to the door or wall firmly. Please make sure the surface of the door/wall that the doorbell stick to is clean and smooth.

Note:

- a.It is not recommended that to install the doorbell on metal doors (iron gates or aluminum alloy doors etc.), otherwise it may lead to problems that the indoor and outdoor devices can't communicate with each other or transmit data.
- b.If the surface of the door/wall that the doorbell stick to is not clean and smooth, the 3M glue is easy to fall off.

B. Screw Mounting

- 1) Find a right place at the door to install the doorbell , attach the rain-proof cover to the wall, and mark the position of the holes for the four screws.

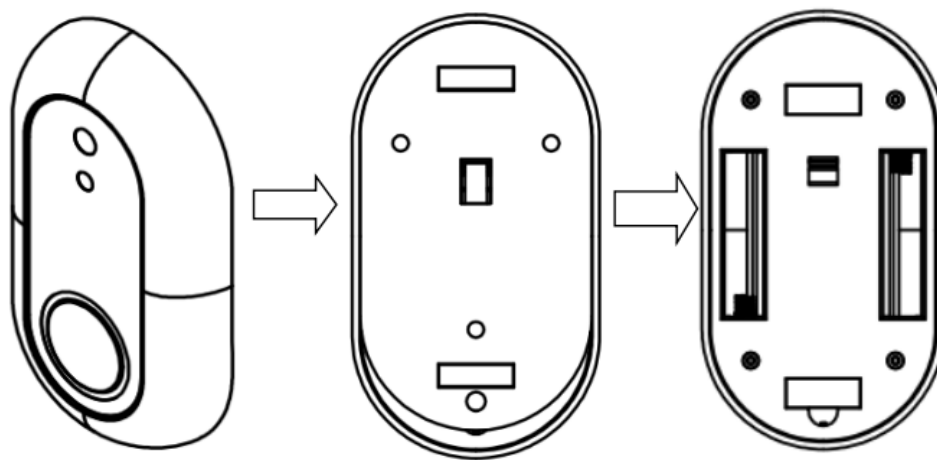


- 2) Refer to the screw specification, use the electric drill to punch 4 holes for the screws in the wall.
- 3) Put the rain-proof cover on the screw hole, install four screws respectively, and put the outdoor machine into the rainproof cover, tighten the bottom screw

7. Battery Change

If you want to replace the battery, please unscrew the screws at the bottom of the cover, take out the outdoor unit, open the back cover (see below diagram), replace the batteries.

After the battery is replaced, close the back cover and put it back to the rainproof shell. (see pictures below for details).



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 radiofrequency 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.

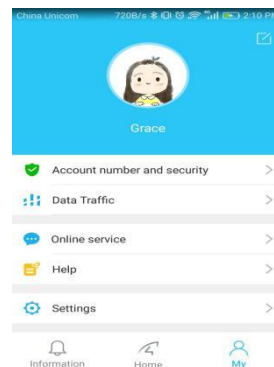
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

Onlinesupport

If you have any questions or difficulties in using the product, or suggestions for our products, please contact us in the following ways:

Click on "Me" in the bottom right of the APP, and click on 'Online service', to enjoy the high-quality online consulting services provided by our company.

图 25



More help needed, please refer to our FAQ: <http://FAQ.ey4.so>

Or contact us at: Hotline&QQ:4006217868

Email: support@vstarcam.com

Skype: [support3@vstarcam.com](https://www.skype.com/partner/support3@vstarcam.com)

The manual is made based on the eye4 V5.0, the interface will be tiny different with the app update. Please refer to the actual version of APP.

Shenzhen VStarcam Technology Co., Ltd
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