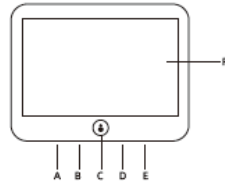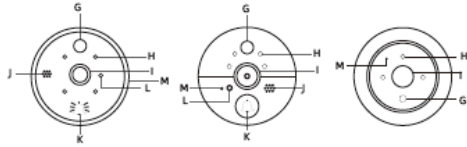# Product User Manual

Part name

A: Type-c interface   B: Power button   C: Wake up monitor key

D: Memory card slot   E: WiFi configuration button   F: Screen

Number two   Number three   Number four

G: PIR sensor/microwave radar   H: infrared night vision light/no red exposure night vision light   I: Camera   J: Speaker hole

K: Doorbell button   L: Light sensitive lamp   M: MIC hole

Mounting screw

When installing an outdoor unit, check the thickness of the door and select a proper screw based on the thickness of the door.

Note:(2、3 cat head uses this screw length)

> When the thickness of the door is in the range of 30mm-60mm, choose 30mm long screws

> When the thickness of the door is in the range of 60mm-80mm, choose 50mm long screws

> When the thickness of the door is in the range of 65mm-90mm, choose 60mm long screws

> When the thickness of the door is in the range of 85mm-110mm, choose 85mm long screws

Note:(4 cat head uses this screw length)

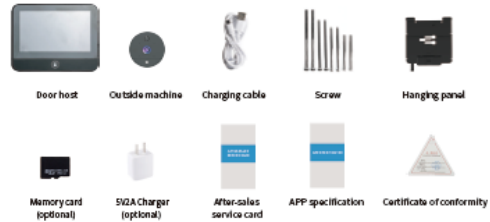> When the thickness of the door is in the range of 35mm-50mm, choose 15mm long screws

(1)

> When the thickness of the door is in the range of 50mm-65mm, choose 30mm long screws

> When the thickness of the door is in the range of 65mm-80mm, choose 45mm long screws

> When the thickness of the door is in the range of 80mm-95mm, choose 60mm long screws

> When the thickness of the door is in the range of 95mm-110mm, choose 75mm long screws

Productlist

(Because the product upgrade packaging or manual involved in the product picture for reference only, the specific object shall prevail.
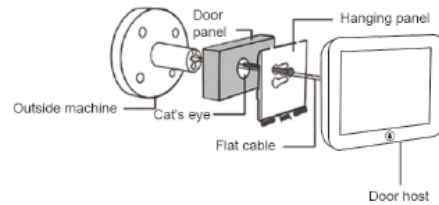
Product design specifications and information are subject to change without notice and without liability.

Door host	Outside machine	Charging cable	Screw	Hanging panel
Memory card (optional)	5V2A Charger (optional)	After-sales service card	APP specification	Certificate of conformity

Outside host *1	Door sub *1	Charging cable *1	Screws *8	Hanging plate *1
Certificate *1	After-sales service card *1	APP manual *1	Charger (optional)	Memory Card *1 (optional)

Installation diagram

Door panel

Hanging panel

Outside machine

Cat's eye

Flat cable

Door host

(2)

Installation procedure

01 Select a screw suitable for the door thickness and screw it into the machine. (Please be careful not to damage the cable during operation)

02 Outside the door; Thread the wire through the door. (If the door plate is very thick, you can roll a small paper tube to send the wire into the door through the paper tube to avoid scratching the wire)

03 Inside the gate; Thread the wire through the hanging plate. (Please be careful not to pull the wire during operation)

04 After the cable rows are straightened out; Place the screw through the hanging plate.

05 Tighten the two screws in turn. Secure the hanging plate. (Note: Please use caution to prevent scratches)

06 Secure the door door machine. (For machines with foam viscose cotton, please carefully tear the protective paper and fix the machine horizontally on the door)

07 Arrange the cables, and hang the host on the buckle.

08 and then the back of the host to the lower card slot, force Press it down and stick it.

(3)

After-sales service card

Product Warranty Notice

Thank you for buying our products! Purchase the company's products through regular channels, From the date of purchase, the user can enjoy a one-year warranty period. During the warranty period, the user can enjoy free maintenance service with valid three-package voucher or valid purchase invoice. In order to protect your legitimate rights and interests, please read the warranty instructions carefully:

I. Not within the scope of warranty under the following circumstances (including but not limited to) :

1. Damage caused by improper use, storage and maintenance.
2. Damage caused by self-assembly and disassembly of parts other than those designated by the company.
3. Damage caused by not using and maintaining according to the requirements of the product specification.
4. Damage caused by force majeure such as fire, flood and lightning strike.
5. Out of warranty.

Ii. Precautions:

1. Keep these products away from children. Prevent electric shock due to misoperation.
2. Do not hit or squeeze the product violently.
3. Please try to avoid using this product in humid or high temperature environment.
4. Do not disassemble the product after it fails.

User information:

Safety precautions

Do not place this product in high temperature, high humidity or a lot of dust, smoke and other harsh environment, and do not expose to rain. Otherwise, it may cause damage to the machine.
Do not squeeze the lens and PIR sensor of the door machine, otherwise it will cause hardware damage.
During the installation process, be sure to operate carefully, do not pull the sub-machine cable, and prevent the FPC cable from scratching or cutting.

Product overview

1. The product is installed in the position of the cat eye hole on the door, replacing the optical cat eye door mirror, integrating the doorbell and monitoring. There is a visual doorbell function, which allows the owner to see the visitors outside the door at home, and there is a human body detection and induction function, which automatically videos the transactions outside the door.
2. The product can be connected to WIFI, the mobile phone can remotely wake up the device through the APP, and can remotely view the real-time video at the door and the video in the TF card;
3. When a visitor rings the doorbell or the device detects a mobile object, it can be pushed to the mobile phone remotely through the network to remind the user to make a voice and video call with the visitor or remotely wake up the device to view the real-time video at the door.
4. The door machine replaces the traditional optical cat eye, does not need to see with the eyes, has a large visual range, is not limited by height, and can be applied to the elderly and children.
5. Zinc alloy material outside the door (anti-theft, anti-skid, anti-cat eye peeping).
6. Built-in hidden camera (CMOS 2 million pixels, maximum support 1920×1080P, display/record outdoor pictures).
7. Press the doorbell to snap a 2 million pixel picture cloud storage, change the mobile phone login can also view the visitor records.
8. Mobile detection capture picture 12 million pixel picture cloud storage, change the mobile phone login can also view the detection record.
9. The doorbell button of the machine outside the door is convenient for visitors to wake up the master or notify the master remotely through the network.
10. Motion detection or visitors pressing the doorbell button, recording 10 seconds (insert TF card).
11. The PIR human body detection sensor of the door machine, when the motion detection function of the indoor machine is turned on, and the TF card is inserted, the automatic recording can be made to protect the safety of the family property at all times.
12. There are 4 infrared lights outside the door, night vision supports an effective distance of 2 meters, and visitors' facial features can be clearly seen.
13. The door machine uses a photodiode for light acquisition, and the ambient light is below 0.2LUX to start the infrared night vision mode.

14. The doorbell key indicator light of the door machine, when the visitor rings the doorbell, the indicator light will blink, and the no-disturb light will be steady on after the owner connects the device. When the owner hangs up the call, the indicator goes off.

15. 4.3-inch IPS display screen is used in the door, screen resolution :480*270.

16. The machine supports TF card, the maximum support is 128G.

17. Automatic cycle coverage, intelligent identification. When the TF card is full, the new videos will automatically overwrite the earliest ones in order of time and date, and the latest videos will be automatically saved without regular deletion.

18. Built-in memory chip, shutdown restart, etc., set data not lost.

19. In the standby state, short press the monitoring button can quickly wake up the machine and monitor the door.

20. Machine power supply mode:
a. Built-in 5000mAH polymer battery, charging through Type-C interface;
b. The host comes with toggle power switch, easy to cut off the whole power supply;

21. The machine adopts energy-saving and power-saving design, and the indoor unit automatically enters the standby state in 15 seconds.

22. The machine is easy to use.
1) Install the machine on the door according to the instructions.
2) Power the machine.
3) Watch the situation outside the door through the door machine.

Functional characteristics
● Huawei Lite OS is used   ● Easy to install   ● Ultra-low power design
● Device fast connection   ● APP active wake function
● PIR anti-theft function, provide active wake up function
● Can be charged directly with Type-C, without removing the host
● National Science solution, 4.3 inch HD digital color screen, built-in Ding Dong
● Mobile APP, support mobile video viewing and intercom functions

Cat-head characteristic
● 2 megapixel CMOS sensor   ● M14 all-glass 200W pixel HD lens
● Supports a variety of video formats, up to 1920X1080P (25 fps)
● It adopts 32-bit processor and professional video codec chip
● Infrared distance of 1-3 meters 4 850 infrared lights PMW spectroscopy technology
● With IR-CUT switcher, no color bias during the day, clearer at night
● With wide dynamic and low illumination function, support automatic color to black

(5)

About the host:
● Supports PIR body sensing motion detection
● Manual image capture is supported   ● Automatic shutdown time 15 seconds
● Supports video mode or photo mode to record visitors.
● Built-in Huawei Lite OS, quick startup.
● The recording time is 10 seconds, which is saved in the TF card, and the photo mode is to capture one photo, which is saved in the cloud and pushed to the APP.
● Original hanging board snap mounting method (patent application).

System introduction:
● Built-in 5000MAH polymer battery
● Integrated design, compact structure, high reliability
● It is convenient to install through the reserved cat eye holes on the door
● All metal cat head shell, beautiful and vandal-proof
● Using EEPROM data storage mode, the stored data is not lost after power failure
● Support up to 128G high-speed TF memory card, 8G memory card can save 4000 10-second videos

Common problems:
1, the machine is not turned on, there is no reaction
a Check the battery indicator. (Red light is low voltage)
b can be powered on by Type-c. (Use 5V1A/2A phone charger plug)
c The working voltage of the machine is 3.6V-5V, check whether the input voltage is within the range
d Built-in Battery Check whether the power switch is set to ON
2. "Video not started" is displayed on startup without image
The port of row a is reversed. Note the direction.
Cable b is damaged or the camera cable is in poor contact with the front cable of the cat's eye (reinsert). Insert the cable in the direction of the arrow on the mainboard
3, the machine automatically black screen
The machine adopts energy-saving design, default 10S, automatic screen standby
4. The machine will not turn off the screen
The machine will not enter standby within 15 seconds after a visitor presses the doorbell button, or if an APP is always connected.
5. No video recording
When the TF card is inserted into the machine, the recording function is available.

(6)

FCC Statement

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

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

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.