User Manual

3.5 inch Wireless Video Door Phone

The wireless video door phone is a 2.4G wireless high-tech household intelligent product integrating doorbell, photo-taking, intercom, monitor and unlocking functions into one.

Its user-friendly adjustable angel camera broadens users' view. Especially its unique human body detection sensor, will detect people when human-body is approaching the door and indoor monitor shall be activated, show the image of the outdoor on its screen and take photo automatically. Therefore, even you were not at home, you also could know who visited you. This model is the guarantee for your home security.

This product does not use wires. It is convenient to install and simple to use. It's specially designed for villas. A outdoor unit can work with three matched handsets with max, working distance 300 meters in an open area.

Adopting the latest energy saving technology, its stable performance and fashionable appearance design make it the first choice of your high-quality intelligent life.

Introduction

Thank you for choosing this wireless video door phone. Please read this Manual carefully to fully understand its usage, perfect functions and simple operation.

Before using this product, please read these Attentions carefully to ensure safe and proper operation of this product.

The Company reserves the right to modify this Manual from time to time without prior notice.

Safety Warning & Attentions

● Do not place this product on an uneven or unstable table-board to prevent failure or damage caused by falling.
● Only the battery and charger designated by the Company can be used on this product. Application of other products may lead to leakage, overheating, blowout and fire of the battery.
● Do not violently strike, shake or toss the wireless video door phone to prevent failure and fire caused to the wireless video door phone.
● Do not put battery, charger or wireless video door phone in the microwave oven or high-pressure device; otherwise, damage and fire of electrical circuit and other accidents may be caused.
● Do not use this product in a place with flammable and explosive gas; otherwise, product failure and fire may be caused.
● Do not place this product in a place with high temperature, high humidity or large amount of dust; otherwise, product failure may be caused.
● Do not dismantle or remodel this product, otherwise, damage, creepage and electrical fault may be
Caused.

● Place tiny metal objects such as drawing pin at a place far away from the speaker. As the speaker has magnetic property while working, it will attract these tiny metal objects, which may lead to personal injuries or damage of the speaker.
● Do not project the lens at strong light source, such as the sun; otherwise, damage of the image sensor may be caused.
● Do not press the terminal of lens with much force; otherwise, personal injury or damage of the device may be caused.
● If this product is made wet by mistake, shut it down, remove the battery, and restart the product after confirming it complete dry after 24 hours.
● Use clean and dry soft cloth to clean the lens, infrared lamp and light sensor.
● ！Warning: improper operation will void warranty!！

Product Overview

1. Fashion appearance —— adopt European design, full of modern science and technology feeling, suitable for houses of various decorative styles.
2. Hidden antenna —— adopt built-in antenna design, protect the antenna effectively.
3. Extra large range of vision —— 120°
4. Adjustable camera angle—up to 15° from center line in any direction
5. High-resolution color LCD screen —— adopt 3.5-inch mainstream TFT digital LCD screen, achieve outstanding clarity.
6. High speed transmission ---image transmission speed is 25fps, the image is clear and fluent.

7. Infrared Night-Vision —— Infrared light shall turn on automatically when outside light is dim
8. 7 kinds of ringtones —— users can select the desired doorbells ringtones freely
9. Monitor function —— simple and convenient to use, view the outdoor scenes and take photos just by pressing one key.
10. Auto detection ——Camera includes a built-in PIR sensor that activates the camera and takes photos of the visitor when he or she approaches
11. Intercom function —— can achieve two way intercom between outdoor and indoor unit, and between two indoor units
12. Unlock function—— Remotely unlock door by monitor
13. Auto circulating memory ——can store 240 photos, auto circulating
14. USB data port—— charge or software updating by USB port
15. Multiple supporter —— table charger
16. Multi machine extended function —— support two outdoor units and three indoor monitors at most.
17. Long distance transmission —— communication distance can reach 300 meters in open space.
18. Outdoor unit waterproof ——IP55
19. AC/DC Power——Camera powered by AC9~16 V / DC5~16 V

Performance parameters

Outdoor unit	Power	Specific lithium battery 3400mAh
	Consumption	400mA
	Outline dimension	134*74*31mm
	Weight	122g
	Environmental condition	Temperature: -10℃~+50℃
	Waterproof grade	IP55
	Placement	Hang on out wall
	Surface material	ABS & hardware accessories
	Camera	300,000pixels
	View angle	120° wide angle (Extra 15° adjustable)
	Night vision pattern	Infrared lamps
	PIR	3M*100°
	Working time	3hours continuously
	Standby time	6 months
	Charge time	3hours
	External power	AC9~16V/DC5~16V

Indoor monitor	Power	Specific lithium battery BP-6M(1100mAh)
	Consumption	400mA
	Outline dimension	126*84*20mm
	Weight	110g
	Environmental condition	Temperature: -0℃~+40℃
	Placement	Table style
	LCD size	3.5" TFT color screen
	Wireless communication mode	2.4GHz
	Images spread	25fps
	Picture format	JPEG
	Working time	3hours continuously
	Standby time	300hours
	Charge time	3hours
	External power	DC5V 1A
	Application distance	About 300m in open space

Product Diagram

Outdoor Unit
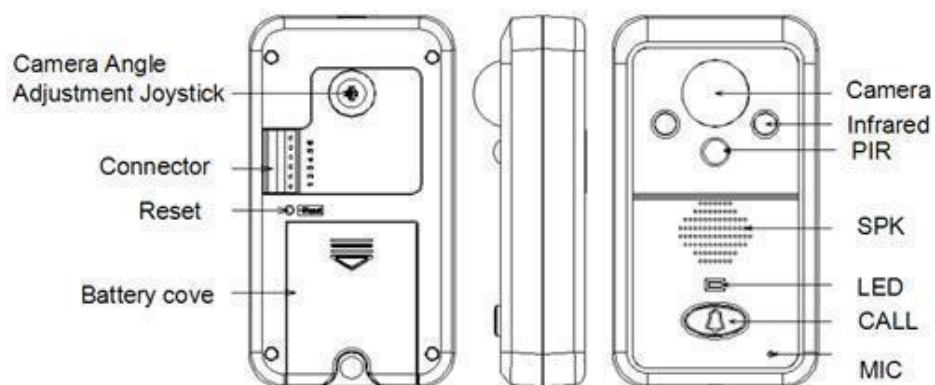
Indoor Unit
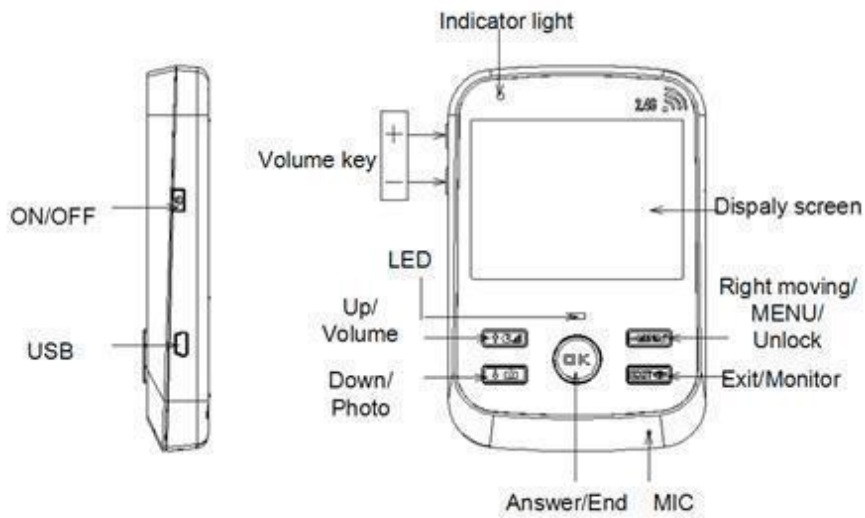
Charging base for indoor unit
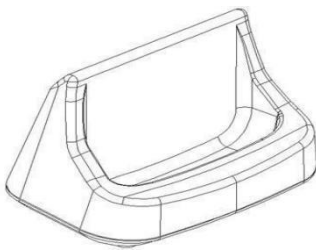
Installation Guide

1. Outdoor unit shall be installed at 1.4~1.7 meter above the floor, and avoid facing the sunlight directly. Please do not install on the metal wall, metal door or metal plate, which influence the transmission signal.
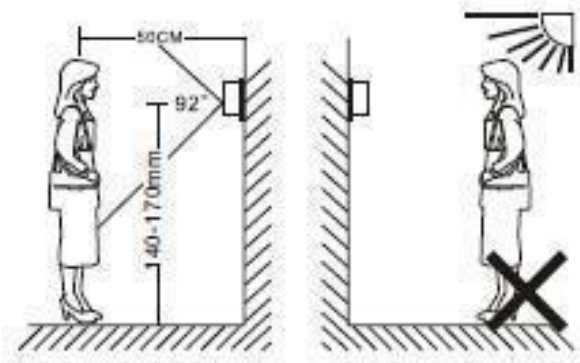
2.Installation steps
A.Fix the rain cover on the wall with screws.
B.Put the outdoor unit into rain cover,and install the screw at the bottom.
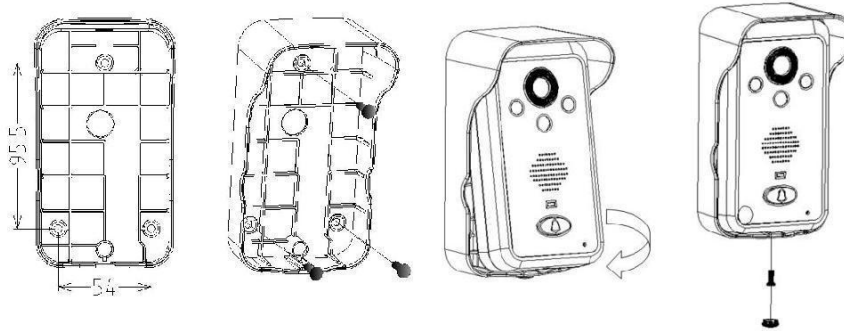
3.Connect DC line according to the wiring diagram (the diameter of hole for wire getting through should be 16~30mm). Red wire (positive pole) connects to point 1; black wire (negative pole) connects to point 2. If powered by AC power, connect wire to point 1 and point 2.
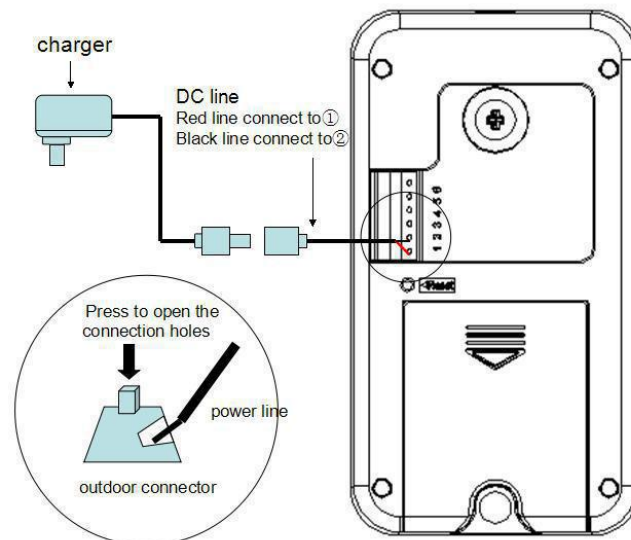
4. Electronic lock and power supply connection, as show below: If

   electric lock maintains always open: connect to point 4 If

   electric lock maintains always close: connect to point 5

   Two power lines of lock: one connects to lock, one connects point 6.

   Note: electric lock and power supply should be prepared by user.

Camera Wiring Diagram

Unlocking power
12VDC

Wire connectors of outdoor unit

Electrolock

COM

N.C. (Normally closed) output.

N.O. (Normally opened) output

AC9~16 or
Charger 5~16VDC
outdoor unit

(-) black

(+) red

Remark: Provided by users.
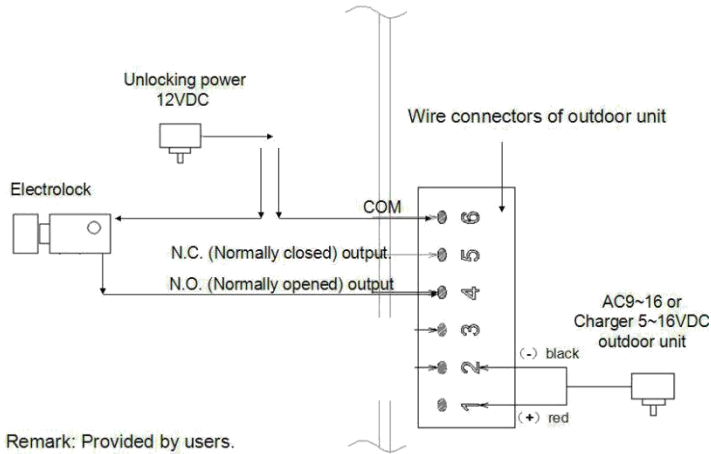
5. The camera lens can be adjustable.

Camera Angle
Adjustment Joystick

120°   15°

15°
90°
15°
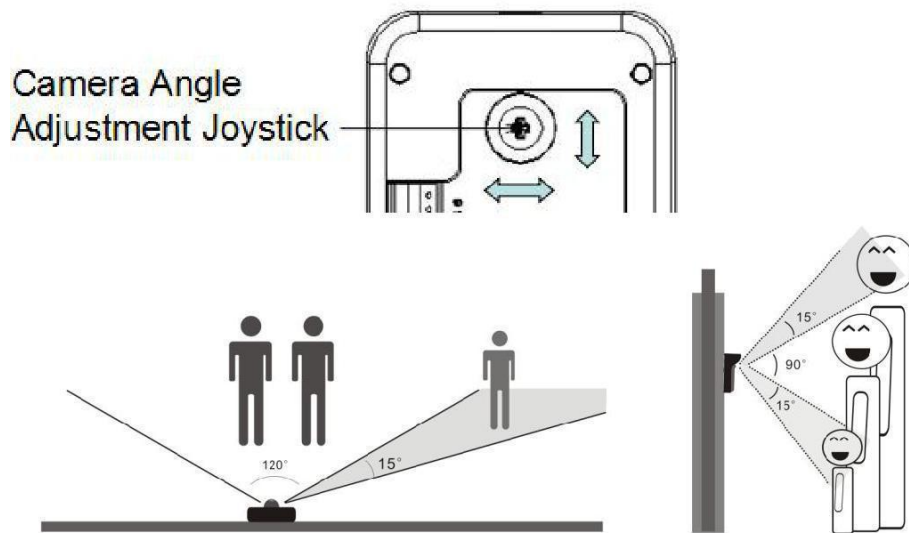
Attentions During Installation

1. The outdoor photosensitive sensor should not be hidden or blocked by other objects.

2. Do not face outdoor unit to sunlight directly.

3. Install the connection line correctly, otherwise, door phone disabled may be caused.

Battery Installation

1. Move the battery cover downward parallelly, and then take it off.
2. Insert battery along the battery slot , notice the front and reverse side of battery
3. Fit on the battery cover.

Battery cover

Battery
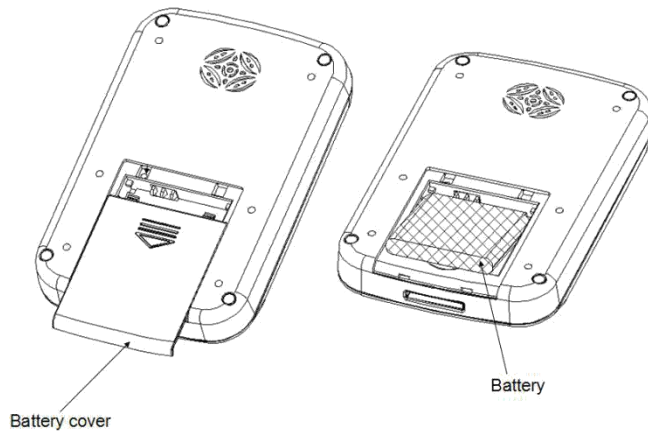
1. **OK** off-hook/on-hook and confirm

2. **↑ 📶** Up option

3. **↓ 📷** Down option,take photo

4. **→MENU🔓** Right option,menu,unlock

5. **EXIT👁** Exit,monitor

6."**ON/OFF**" Turn on/off device

7.**Volume key(+/-)** Adjust volume of indoor unit

1.Turn on/off

Outdoor unit: Install the battery to turn on. Take out the battery to turn off.(DC/AC9-16V,Lithium battery)

Indoor Unit: BP-6M Lithium battery,USB charging. Press the "on/off" key for about 3S to turn on. And press the "on/off" key for about 3S to enter shutdown interface: select"Yes" to turn off.

2.UI of Indoor Unit

View&delete photo record. Can store 240pcs photos. "A"means automatically taking photos. "M" means manual taking photos. "P"means motion sensor photos. "T" means alarm photos. Will automatically cover the earliest photo when memory is full.

Message for missed call. Will have the message if miss any call or ring. Can keep10 messages at most. The message with photo(automatically taking photo) . Automatically cover the earliest message when more than 10 messages. It will not have new message if indoor unit is shutdown or power off.

Time&date setting. Can set time,date.For example,12:00 01-06-2017.

Ring setting. There are 7 rings. You can select the ring as you like.Meanwhile, can adjust the ring volume by pressing "+-" key.Volume have 6 levels.

Language selection. English, Spanish, Germany, French, Dutch, Italian,Chinese,7 languages. Factory default language is English.

Setting. Enter settings
A. Motion detection.Open PIR or turn off.
B. Backlight time. Setting backlight time from 10-60s,5s per level,total 10 levels.
C. Ring time.Setting the ring time from 10-30s, 10s per level,total 3 levels.
D. Paring: give code, receive code
E. Version: show the firmware version number.

Communication Instruction.

1.Intercom between outdoor unit and indoor unit.

A. Press "Call" key on out door unit-indoor unit will ring-show [🔔] on screen-press "OK" key to answer the call-will show [🎤] on screen. Can be able to intercom.

B. During intercom,press **EXIT👁** key, intercom without sound, and show [🎤] on screen.

C. During intercom,press **→MENU🔓** key to take video. Will show [🔓] on screen.

D. During intercom,press [📷] key to take photo record, and show [📷] on screen.

E. Press "+ -" key to adjust volume of indoor nit, and show [📶] on screen.

G. During intercom,show [🔋] on indoor unit screen,the below battery iron is for outdoor unit power,it will be red color when low power.

H. [2📶] the number stands for different indoor unit.The green lines stands for intercom signal.

I. When stand by,press [👁] key to monitor outside.

J. PIR: when turn on the motion sensor, outdoor unit camera sense person within

2 meters and will take 3pcs photos record automatically. Motion sensor icon

[🏃]

K. Anti-tamper alarm of outdoor unit. When rain cover separate from device, it will alarm with big sound. At the same time, will take 5pcs photos record. Will show [🚨] on screen.

1.Intercom between indoor units.

A. If there are only 2 indoor units, press **OK** key, and can call another indoor unit.

A. If there are 3 indoor units,to call another 2 indoor units. Press [⬆] key to call the smaller ID no. indoor unit. Press　　 key to call the bigger ID no. Indoor unit.(for example, to call ID2 indoor unit, press　　. To call ID3 indoor unit, press　　 key.)

Pairing operation steps.

1V1 Match code (put outdoor unit next to the Indoor monitor)
Select "code" in **setting** on indoor monitor -- press OK key-- enter into
the match code mode.
Meanwhile, long press the "**Reset hole"** on outdoor unit back, until you hear one "Beep" sound, then release.
When indoor monitor displays "Successful", outdoor unit have "di-di-di" three sounds, means matching successfully.

If matching failed in 16 seconds, indoor monitor shows "failed", the outdoor
unit makes "di" sound. Pleas try above steps again.
NOTE: By default, the monitor is paired well with the outdoor unit.

1V2 - Match code

Select "Give code " on the 1st paired indoor monitor --press OK key--enter into the giving code mode
On the new (second) indoor monitor, select "**receive code**" -- press OK key. It will have "di-di-di"
three sounds, and displays "Successful" on the screen, which means matching the 2nd monitor ok.

1V3 - Match code

Select "Give code " on the 2nd paired indoor monitor –press OK key-- enter into the giving code
mode.
On the new (third) indoor monitor, select "**receive code**"-- press OK key. It will have "di-di-di" three
sounds, and displays "successful" on the screen, which means matching the 3rd monitor ok.

Add one more outdoor unit - Match code

Select "**Give code** " on any one paired indoor monitor --press OK key--enter into giving code mode.
On the new (second) outdoor unit: Long press the "**reset**" hole until you hear "di-di," two sounds. If
match successfully, outdoor unit will have "di-di-di" three sounds, and means adding the 2nd outdoor
unit ok.
After matching ok, please use the No. 2 outdoor unit to call all indoor monitors for testing. if not ok,
please repeat the above steps again.

Package Include

Manual -–1

Rain cover -–1

Outdoor camera -–1

Indoor monitor -–1

Table charger for monitor -–1

Adaptor for outdoor camera DC5V -–1

Adaptor for indoor monitor -–1

DC Line for outdoor camera-–1

USB line for indoor monitor-–1

Lithium battery --2

Screws -–4

Statement

The standard configuration for door phone is one indoor monitor and one outdoor unit.
The door phone has finished code match and can be used directly.

If you need more pieces of indoor monitors or outdoor units, please contact your
local distributors (Maximum 2 outdoor units to 3 indoor monitors supported).

For the added units, please reference the Give Code and Receive Code in the Code Menu.

General faults and solutions

Fault	Cause(s)	Solution(s)
Can not start up	Neglected to press switch button	Press switch button
	Lithium battery is not installed	Install lithium battery
	Low battery	Charge up lithium battery
	No connection to power adapter when battery runs out	Connect to power adapter
Can not charge	Adapter connector doesn't connect to charging port of machine correctly	Reconnect correctly
	Adapter doesn't connect to 110V--240V alternating current	Plug into the socket to connect to alternating current
Outdoor unit cannot call or connect to Indoor monitor	Code match failed	Clear code, and re-match code
Image has noisy point or flickers	Handset is placed near to TV player, microwave oven, daylight lamp or mobile phone which produces electromagnetic wave interference.	Keep handset far away from the interference items
No signal for Indoor monitor	Outdoor unit doesn't connect to the power	Connect to the power
	Distance between outdoor unit and Indoor monitor is too far	Adjust to appropriate distance
	Disturbed by magnetic field around	Keep handset far away from magnetic field.