User Manual

7 inch Wireless Video Door Phone

Directory

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

● Please keep this product dry, as rainwater, moisture, humidity and liquids or
  moisture content may contain mineral matters that erode the circuit.
● Do not keep this product in any place with high temperature. As high
  temperature may shorten the lifespan of electronic device, damage the battery
  and cause deformation or melting of certain plastic parts and components.
● Do not keep this product in any place with low temperature. As when being
  moved from a place with low temperature to a place with normal temperature,
  it may generate humidity inside, which may cause damage of circuit board.
● Do not attempt to dismantle this product. As improper handling by
  nonprofessional personnel may cause damage of the device.
● Do not toss, knock or shake this product, as tough operation mode may
  damage the motherboard inside the device.
● 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.
● Do not have the metal parts (specially configured interfaces of charger and
  data line excluded) in contact with charger interface to avoid short circuit.
● Use clean and dry soft cloth to clean the lens, infrared lamp and light sensor.
  ！Warning: improper operation will void warranty!!

Outdoor unit

Power	Customized lithium battery 3400mah
Consumption	400mA
Outline dimension	134*74*31mm
Weight	122g
Environmental condition	-10℃~+50℃
Waterproof grade	IP55
Placement	Hang on outer wall beside the door
Surface material	ABS & hardware accessories
Camera	300,000pixels
View angle	120° wide angle
Night vision pattern	2 IR lamp
PIR	3m*100°
Working time	7 hours continuously
Standby time	2000 hours
Charge time	6 hours
External power	AC9~16V/DC5~16V

Indoor monitor

| Power	Customized lithium battery 4000mah
Consumption	600mA
Outline dimension	200*150*27mm
Weight	387g
Environmental condition	0℃~+40℃
Placement	Put on table or hang on wall
LCD size	7" TFT color screen
Wireless communication mode	2.4GHz
Frame rate	20fps
Image Format	JPEG
Working time	6 hours continuously
Standby time	800 hours
Charge time	6.5 hours
External power	DC9-16V
Application distance	About 300 meters in exposed area

Product Diagram

Outdoor unit

Rain Cover

Camera Lens

Infrared Lamp

Motion Detection

Speaker

Work Indicating Lamp

Call Button

MIC

Indoor monitor

7 inch TFT screen

MIC

TF

Brightness

Colour

Speaker

Photo   Video   Message

Ring   Time   Setup

Volume + −

Stand

USB

9-16V DC Power

EXIT / View

MENU Unlock / Right

ON OFF OK

Video up

Power light

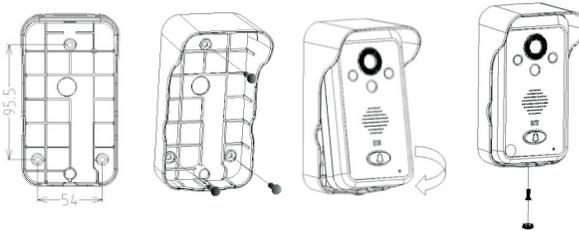Photo Down

Installation Guide

1.outdoor unit shall be installed at 1.4~1.7 meter above the floor, and the camera shall avoid facing the sunlight directly.
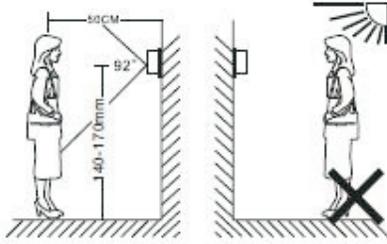

2.Installation steps

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.
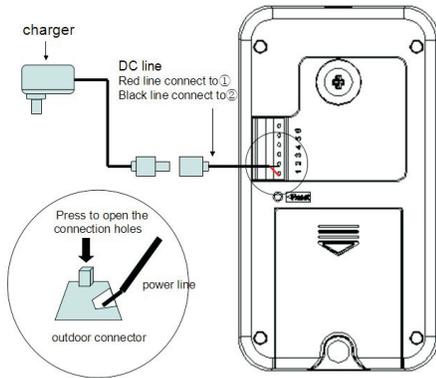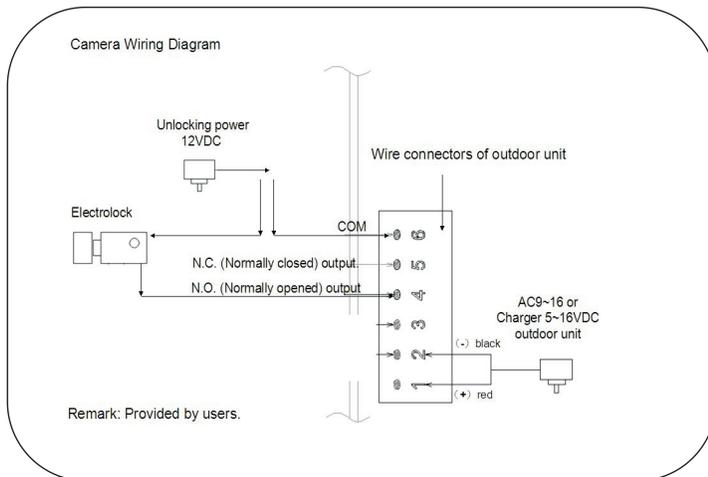
4. Electronic lock and power supply connection, as show below:

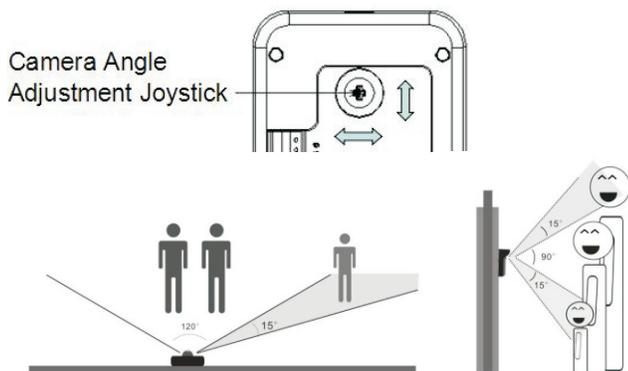If electric lock maintains always open: connect to point 4

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 external power supply should be prepared by user.

5. The camera lens can be adjustable.

6. Wall holder
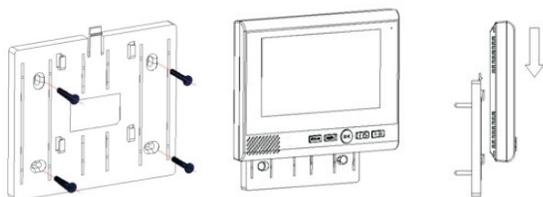
7. Table holder
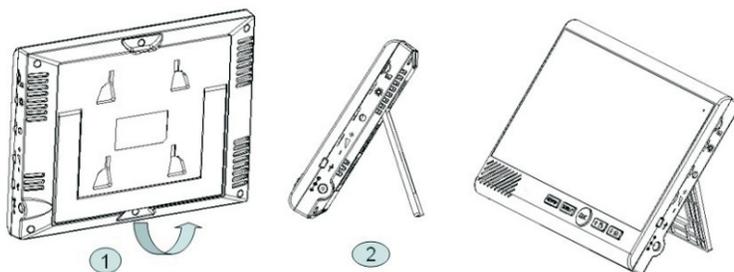
8. Installation of Storage Card

A. Insert the storage card with the correct way as shown in the diagram and you'll hear a clicking sound

B. Improper insertion of storage card may cause system failure, please confirm the correct inserting direction of the card.

C.Take out of the storage card —— push in the storage card until you hear a clicking sound, then the storage card will pop up

Attentions During Installation

⌘ Outdoor infrared sensor cannot be hidden or blocked by other objects.

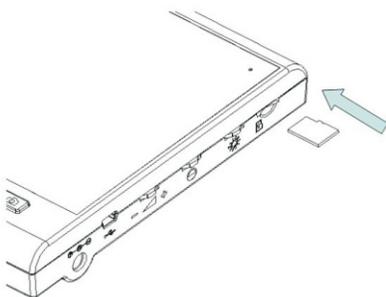⌘ Do not expose the outdoor unit to direct sunlight.

⌘ Install the cable correctly, otherwise the doorbell may be damaged.

Storage cared introduction

⌘ This product supports TF(micro-SD) card as external storage device,
   when there is no storage card in the product, the photo-taking and
   video-recording functions are impossible.
⌘ If a self-provided storage card is used:
⓪ Please use a storage card with Class 2(2MB/Sec) or above.
⓪ Up to 32GB storage card supported.
⓪ This machine has automatic cyclic storage function, when the storage
   card is full, the original file will be overwritten
.

Indoor monitor Keys(Functions)

OK   ----ON/OFF

----Talking

---- work as confirm key for MENU

EXIT   ---work as monitor key for standby mode

----as exit key for MENU

MENU   ----work as unlock key when communicating with outdoor unit

----as right moving key for MENU

↑   ----work as option key for MENU

----as video key when calling or monitoring

----as option key when calling extension monitor

↓   ----work as option key for MENU,

----as photo key when calling or monitoring,

----as entrance key for exposure adjust,

"**Bright/Colour/Volume**" :
----Increase and reduce for adjustment.

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: with 4000mah Lithium battery,DC/AC9-16V. Press the "OK" key for about 3S to turn on. Then, press the "OK" key for about 3S to enter shutdown interface: select "Yes" to turn off.

UI operation instruction

Press "MENU" key enter the main menu interface

see&delete photo record.
Can store 180pcs photos. Automatically cover the earliest photo when memory is full.

video record.
Support 32G Max. TF(micro-SD) card. Automatically cover the earliest video when memory is full.

message for missed call or ring.

Will have the message if miss any call or ring.Can store 10 messages at most.Message with photo(as setting) or video(as setting).Automatically cover the earliest message.It will not have new message if indoor unit is shutdown or power off.

Ring setting.There is 4 default rings.

MP3 format music in TF(micro-SD) card also can play. You can select the ring as you like (MP3 music name can not include Chinese characters).Meanwhile, can adjust the ring volume by pressing MENU key. Volume have 6 levels.

Time&date setting.

Can set time,date. For example,12:00 01-09-2018.

Setting.Enter settings.

⌘ Backlight time. Standby backlight time 10-60S setting.

⌘ Motion sensor. Turn PIR on or off setting.

⌘ Auto-video record. Automatically take video record when ringing. If put TF card in device, setting "automatically record", it will take video record automatically when ringing.But if setting "manual record", it will take one photo record automatically when ringing.

⌘ Alarm setting. Turn on or off the tamper alarm.

⌘ Language selection. Have 6 languages, English,Spanish,German,French,Russian and Chinese.Factory default language is English.

⌘ Advanced setting.

⓪ **Pairing.** Match code, give code, receive code.

⓪ **Unlock time.** Unlock remaining time setting,3S/5S/8S.

⓪ **SD card formatting.** Insert the TF(micro-SD) card, can format the content.

⓪ **Version.** The version number of the device.

Communication instruction

⌘ **Intercom between indoor unit and outdoor unit.**

❶ Under standby status,press "Call" of out door unit--Indoor unit will ring--Show ![icon] on screen--Press "OK" key, and show ![icon] on the screen, then can talk with each other.

❶ To call/monitor the outdoor unit is to press [EXIT 👁] , if show the ![icon] on the screen, which means not able to intercom. Press [EXIT 👁] again, it will show ![icon] on the screen, which means can intercom with the outdoor unit.

❶ Under intercom state, press [↓ 📷] to take photo. Will show ![icon] on screen.

❶ Under intercom state,press [↑ 📹] to take video. Will show ![icon] on screen.

❶ Under intercom state,press [MENU 🔓] to unlock door. Will show ![icon] on screen.

❶ Press the upper wheel key of indoor unit on the right side. To adjust the brightness of screen. Will show ![icon] on screen.

❶ Press the middle wheel key of indoor unit on the right side. To adjust the contrast ratio of screen.Will show ![icon] on screen.

❶ Press the third wheel key of indoor unit on the right side. To adjust the volume.Will show ![icon] on screen.

❶ If turn on PIR,will automatically take photo or video(require TF card inside), will show ![icon] on screen.

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

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◎   **2ıll** the number stands for different indoor unit.The green lines stands for intercom signal.

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

◎   PIR: when turn on the motion sensor, outdoor unit camera sense person within 2 meters and will take 3pcs photos record (require TF card inside) automatically.

◎   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.

⌘   **Intercom between indoor units.**

◎   If there are only 2 indoor units, press   [OK]   key, and can call another indoor unit.

◎   If there are 3 indoor units,to call another 2 indoor units. Press [↑ 📹] key to call the smaller ID no. between the 2 indoor units. Press [↓ 📷] key to call the bigger ID no. between the indoor units.

Pairing Instruction

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 (add the 2nd monitor)- 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(add the 3rd monitor) - 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.

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Package Include

⌘ Outdoor unit *1

⌘ Indoor monitor *1

⌘ Manual *1

⌘ Rain cover *1

⌘ Wall hang holder *1

⌘ Charger *2

⌘ DC line *1

⌘ Lithium battery 3400mA/h *1

⌘ Lithium battery 4000mA/h *1

⌘ Screw M3 *1

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.