Wireless Video Door Phone
User Manual

This 2.4G digital 3.5inch wireless video door phone is a high-tech home & office product that incorporates functions of doorbell, image capturing, and intercom between extensions, surveillance and door release. Its unique PIR Sensor can detect and auto display door camera video, take snapshots and save images of any approaching visitor on the monitor. This way, you will have the means to know who came when you are away from home. Great security and surveillance system for small to large homes and offices.

Installation is simple and operation easy. Both outdoor and indoor units can be operated with batteries. One outdoor camera supports max 3 monitors. Barrier free transmission range reaches 600 meters.

This item adopts newest energy saving technology and 2100mAh high capacity battery. With 3.5" TFT color LCD, stable performance and fashion design, it is a first choice of your high-quality intelligent life.

Please note: outdoor camera must be fixed well in rain cover before normal user. Magnet in the rain cover has a magnetic sense with outdoor unit. Alarm can be eliminated after twice touching monitor's intercom button.

Frequent Questions and Solutions

Failure	Reason	Solution
Booting failure	Not press power switch	Press power switch
	Not install battery	Install battery
	Low battery	Charge
	Failure to connect power after battery exhaustion	Connect power
Charging failure	Charger not plugged in	Plug in charger
	Adapter disconnects with AC 110V-240V power	Connect adapter to AC power
Outdoor unit can't call or connect to indoor monitor	Pairing failure	Clear code; re-pair indoor and outdoor unit
Spot and flicker on screen	Monitor is near to TV, microwave oven, fluorescent lamp or mobile phone, which causes electromagnetic wave interference	Keep monitor away from this interference
No signal on indoor monitor	Camera disconnects with power	Connect camera with power
	Far distance between monitor and camera	keep proper distance
	Surrounding magnetic interference	keep monitor away from magnetic interference

Introduction

Thanks for choosing our wireless video doorbell. Please carefully read this user manual before use.

Our company has the right to revise this manual without prior notice.

Warning and Precautions

1. Warning

- Do not put this item on uneven or unstable surface to avoid failure or damage caused by drop;
- Only battery or charger original from our company can be used. Otherwise, battery's leakage, overheat, crack or fire might happen.
- No slam into, vibrate or throw this item to prevent its failure or fire.
- Do not put battery, charger or this product near to microwave oven or high voltage devices; otherwise, short circuit or fire may occur.
- No operate item in flammable and explosive gas area; otherwise much dust will lead to item's abnormal use.
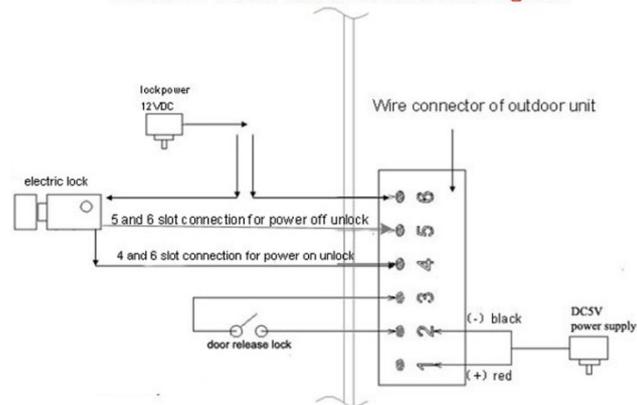
2. Operation Precautions

- No heavily pressing or knocking LCD screen, otherwise broken or damaged LCD will cause crystal liquid's leakage. In case this liquid comes in your eyes by accident, please immediately wash your eyes with water (don't rub your eyes) and see doctor promptly.
- Never disassemble or transform this product, otherwise, damage or electrical failure will happen.
- No pressing button with needle, pencil/pencil tip or other tip objects. Otherwise, touch key will be damaged.
- Please leave our item away from tiny metal objects, such as pushpin, which will damage speaker and cause product noise due to trumpet magnetic property.
- Do not press camera under intense light, for instance, direct sunshine; otherwise, image sensor may be damaged.
- Never heavily press our product, otherwise personal injury or item damage may be caused.

Outdoor Unit Wire Connection Diagram

Installation Notes

1. Avoid sheltering or covering camera's light sensor;

2. Protect camera from direct sunshine;

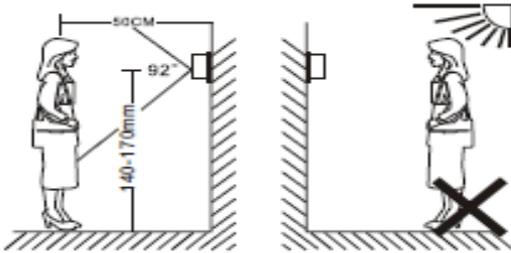3. Ensure correct wiring otherwise device can't work normally.

Package List

1~3×indoor monitor, 1×outdoor unit, 1×user manual, 1×warranty card, 1×quality certificate, 2×DC5V/1A charger, 1×install screws package, 2~4×lithium battery (EB-1G6LLU)

Statement

This product max supports one camera with 3 monitors. Pairing is finished before delivery and it can directly used.

Installation Guide

Outdoor camera should be installed 1.4-1.7 meter above floor and avoided direct sunshine.

Installation Instruction

1. Punch suitable holes on wall, put screw stopper and fix rain cover on the wall with screws;

2. Connect charge cable (hole diameter 16-30mm) as per wire connecting diagram. In case of indoor charge, pierce power cable out of wall hole; Make cable out of rain cover bottom and connect wire for outdoor charge.

3. Fix rechargeable lithium battery (EB-1G6LLU) on outdoor camera; unit auto boots.

4. As above image shows, put outdoor camera from the top into rain shield, then push camera bottom and confirm its top tightly in shield. Secure camera bottom with matching screws and install screw cap.

3. Charger's Operation and Precautions

- This product can be charged with charger or computer through USB cable connection.
- Please charge product with original charger; other voltage will result in leakage, fire or other damage.
- No short circuit charging, otherwise charge will be damaged; or electric shock and smoke will occur.
- Never charge when power cable is damaged to avoid fire or electric shock.
- Regularly clear power socket's dust away.
- Do not put charger next to water container to prevent overheat, or short circuit and charger failure caused by overflow water.
- Immediately cut off power if charger contacts water or other liquid
- Never disassemble or transform this product, which will cause damage, electric leakage and electrical failure.
- Never use charger at high humidity places, otherwise electric shock, fire and charger damage easily happen.
- Do not touch charger, electric wires or power socket with wet hands, otherwise electric shock will be possible.
- No putting heavy objects on power cable or transform electric circuit; otherwise electric short or fire will easily happen.
- Disconnect power socket or remove plug before cleaning and maintenance.
- Please grasp charger before removing plug to avoid power cable damage, electric

shock and fire.

Outdoor Unit	Camera pixel	0.3 mega pixel
	Lens view angle	100º
	PIR detection range	3M*100º
	Working current	200mA
	Night vision	2 IR lamp
	Waterproof grade	IP55
	Backup power	EB-1G6LLU 2100mAh rechargeable lithium battery
	Battery work time	Continuous 7 hours
	Battery standby time	1050 hours
	Battery charge time	4 hours
	Dimension	134×74×31mm
	Weight	130g
	Power supply	Original DC5V 1A (DC5V~DC16V workable)
Indoor Monitor	LCD size	3.5inch TFT color screen
	Image frame	25fps
	Image format	JPEG
	Work current	250mA
	Backup power	EB-1G6LLU 2100mAh rechargeable lithium battery
	Battery work time	Continuous 5 hours
	Battery standby time	300hours
	Charge duration	4hours
	Size	126×80×20mm
	Weight	119g
	Power supply	DC5V 1A
	Transmission Range	600 meters in open area

4. Operation and Maintenance

- Please keep this product dry. Rain, moisture or liquid might erode electric circuit that contains ore material.
- It is better not to use this product at over high temperature environment. Because high temperature will shorten life of electronic devices, damage battery, deform or melt certain plastic parts.
- It is better not to use this product at over low temperature environment. When product is moved back to normal temperature from low temperature place, inner humidity will produce. It may damage circuit board.
- Never try disassembling this product, because misconduct by non-professional person may damage device.
- Do not roll, knock or shock this product; improper operation may damage components in main board,
- Should product become wet incidentally, please turn off power, take battery out and reboot product in 24 hours after product is total dry.
- Do not touch charger interface's metal part (specially configured charger and cable interface excluded) to avoid short circuit.
- Use clean and dry soft cloth to clean camera, IR lamp and light sensors.

！Note: Improper operation will void warranty

Performance Parameters

(4) **Delete images**: in photo viewing status, press image button(📷) and "Delete Photo or Not" appears on screen. Click left/right button to choose "Y (single pic)", "N (no)" or "ALL (all pics)". Press image button(📷) to confirm deleting single or all photos. After single image deletion, press intercom key(📞) to return standby status; if all are removed, monitor auto comes back to standby.

Pairing

- In monitor's power off state, long press power switch to boot monitor and screen displays "Welcome"; then quickly press power switch 3-4 times; "Pairing" shows on screen and blue light continuously blinks. At this time, monitor is in pairing status.
- Long press outdoor unit's Reset key, there is a "DI" sound and unit's blue indicator

flashes. When there is a "DU" sound from outdoor camera and monitor shows camera's image, pairing is finished. Otherwise, re-pairing is needed.

- If 2 or 3 monitors need pairing, after the first monitor is paired, make 2nd monitor into pairing status and continuously fast press Reset button 2 or 3 times. If camera tips "DU~DU", then 2nd monitor is paired. When there is "DU~DU~DU" sound from outdoor unit, the 3rd monitor is paired.
- After the 2nd or 3rd monitors are paired, please make a call. If all can display camera's image, then pairing is successful.

Note: long press outdoor unit's Reset key till there is a "DI" sound to clear pairing. Indoor monitor can't clear pairing.

If tamper alarm occurs during pairing, please fix camera well into rain cover and press monitor's intercom key to eliminate alarm.

One outdoor unit can be paired with max 3 monitors.

(4). Surveillance

In standby status, press any key to brighten screen, then click monitor key(![icon]) into surveillance state. Image and voices from outdoor camera can be transmitted to indoor unit. This status can last 30 seconds; if no operation in 30 seconds, monitor will auto back to standby state. In surveillance status, press intercom key(![icon]) to enter intercom state and re-press intercom key to ring off.

(5). Outdoor unit's intercom and beep volume adjustment

Press monitor's surveillance key(![icon]) to enter surveillance state, click monitor's right key to adjust outdoor unit's intercom volume and touch left button to adjust camera's beep volume.

Battery Level

Monitor's battery power: in bright screen state, battery symbol in upper right corner indicates monitor's battery level. If it is low power, the symbol changes to red and work

indicator blinks blue one time per 1 second. Charge indicator is red during charging and off after full charge.

Camera's battery power: in intercom status, small battery symbol in screen's upper right corner indicates camera's battery level. If it is low power, the symbol changes to red. Original adapter should be connected to charge battery.

Image Function

(1). Auto shooting: outdoor unit auto takes and saves picture in monitor after call from outdoor unit is not answered in 5 seconds;
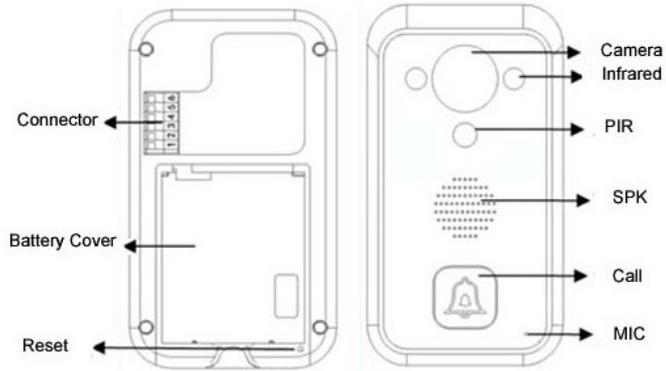
(2). Manual picture capturing: in intercom or surveillance state, press image key(![icon]); there is "CAPTURING" on screen. Max 100 photos can be saved. After memory is full, the earliest one will be overwritten.

(3). View images: with bright screen or in intercom state, long press image key(![icon]) 3 seconds to view photos; default one is lately taken; click left/right key to choose what you want to view and return standby menu after clicking intercom key(![icon]).
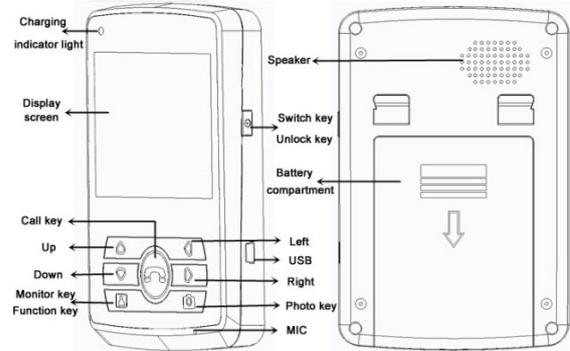
Product Diagram

Outdoor Unit

Outdoor Unit

- Connector
- Battery Cover
- Reset
- Camera
- Infrared
- PIR
- SPK
- Call
- MIC

Indoor Monitor

Indoor monitor

- Charging indicator light
- Display screen
- Call key
- Up
- Down
- Monitor key Function key
- Speaker
- Switch key
- Unlock key
- Battery compartment
- Left
- USB
- Right
- Photo key
- MIC

Function Description

Indoor Unit Function Setting

Function settings include: language, time/date, ring, unlock duration and PIR on/off. Each setting is confirmed by pressing surveillance button and next setting starts; single function can be saved and exited after pressing intercom key.

(1). Language setting: in bright screen status, long press surveillance key (▲) 3 seconds to enter function setting. First is language setting with Chinese or English option? Choose with up/down key and default is English.

(2). Time/date setting: in bright screen status, long press surveillance key (▲) 3 seconds to enter function settings. Re-touch this button for time setting. Choose each option with left/right button and do adjustments with up/down key.

(3). Ring setting: in bright screen status, long press surveillance key(▲) 3 seconds to enter

function setting. Continuously press this key 2 times to enter ring setting. Select melody with right key and adjust ring volume with down key. Volume can only be adjusted from high to low and ring tones can only be chosen from 1st to 25th. After monitor is power off, ring setting change can't be saved.

(4). Unlock duration setting: in bright screen status, long press surveillance key() 3 seconds to enter function settings. Continuously touch this button 3 times to enter unlock setting. Adjust with up/down key; optional duration is 1-6 seconds with default 1 second.

(5). PIR on/off: in bright screen status, long press surveillance key() 3 seconds to enter function settings. Continuously click this key 4 times for PIR setting. Select on/off with up/down key.

(6). Mute mode setting: in bright screen status, long press intercom key() 3 seconds, green music symbol() on screen becomes crossed red sign(); this is mute mode. In this mode, for incoming calls, monitor works normally but doesn't ring. Long press intercom button 3 seconds to cancel mute mode.

(7). Indoor unit intercom volume adjustment: in intercom status, press left(low) /right(high) to adjust monitor's intercom volume, with 0-7th grade scope and default 5th grade.

(8). Chroma adjustment: in intercom or surveillance mode, press up/down button to adjust screen color; grade option ranges from 0 to 9. Image will be black/white if grade is 0.

(1). Outdoor unit booting

Install battery in outdoor unit, put it well into rain cover, then camera can work with monitor. Please fix battery correctly.

(2). Indoor unit power on/off

After battery is installed, long press power switch for 3 seconds to boot monitor. If no operation after 30 seconds, monitor will get into standby status. With bright screen, long press power switch for 3 seconds to shut monitor down; press power switch or intercom button(   ) to enter standby status; then click any key to brighten screen.

(3) Monitor intercom and unlock

After visitor presses Call key, outdoor unit's indicator blinks blue and beeps; monitor rings immediately and displays camera's image. Click monitor's intercom key() to talk to visitor and press power switch to remotely control outdoor unit for door release. After intercom is over, press intercom key again to ring off and monitor will be in standby status. If monitor doesn't answer outdoor unit's call in 5 seconds, a photo will be captured and saved by monitor. If call is not answered in 30 seconds, both monitor and camera will enter standby status; monitor has missed call record. During intercom, if no key is pressed in 90 seconds, both devices come into standby status.

Operation Introduction