

2.4GHz Digital 7-Inch Wireless Video Door Phone User Manual



- Thank you for purchasing our product.
- Please read this user manual carefully before using the product and follow the instructions to install and operate.

1. Introduction

The product is widely used in apartment, hotel, villa, office building and so on. The system is composed of two parts - outdoor camera and indoor monitor. The outdoor camera is easy to install, you can position the indoor monitor where the wireless signal can reach. The Indoor monitor can hang on the wall or cabinet or can be placed on any flat work surface e.g. desks or tables.

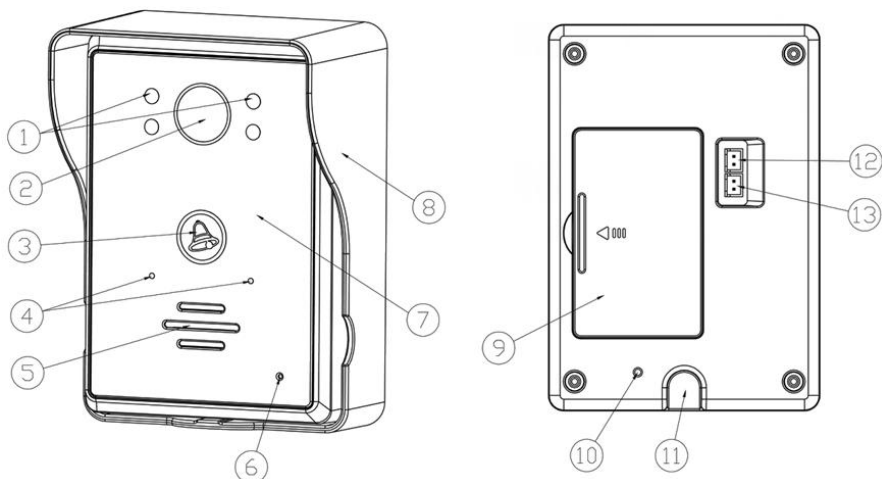
2. Features

- (1) 2.4GHz digital frequency hopping and encryption technology, transmission distance up to 300 meters in open area, robust anti-interference.
- (2) Clear night vision can capture image in low-illumination environment.
- (3) Rain shield for the outdoor camera is available.
- (4) 7 inch Digital TFT color panel.
- (5) High-strength tempered glass, corrosion and scratch resistance provides longer working life.
- (6) High sensitive touch keys.
- (7) Monitor - wireless unlocking, hands-free call and talk.
- (8) A selection of 16 ring tones are included with adjustable volume.
- (9) Date and time are shown on the screen.
- (10) Indoor monitor stores up to 100 pictures, with date and time marked on.
- (11) Brightness and talk volume are both adjustable.
- (12) The BL-5J battery for camera and monitor is rechargeable and replaceable.
- (13) Outdoor camera has two work modes:
 - 1) With battery - up to 15 days of use before re-charge.
 - 2) With AC power supply using power adapter provided.Note: Indoor monitor can monitor anytime if using AC power supply and power adapter provided.
- (14) Includes 'Wireless unlocking' control function.
- (15) One outdoor camera supports a max of 3 indoor monitors and vice versa.
- (16) The outdoor unit includes a tamper alarm function.

3. Packing List

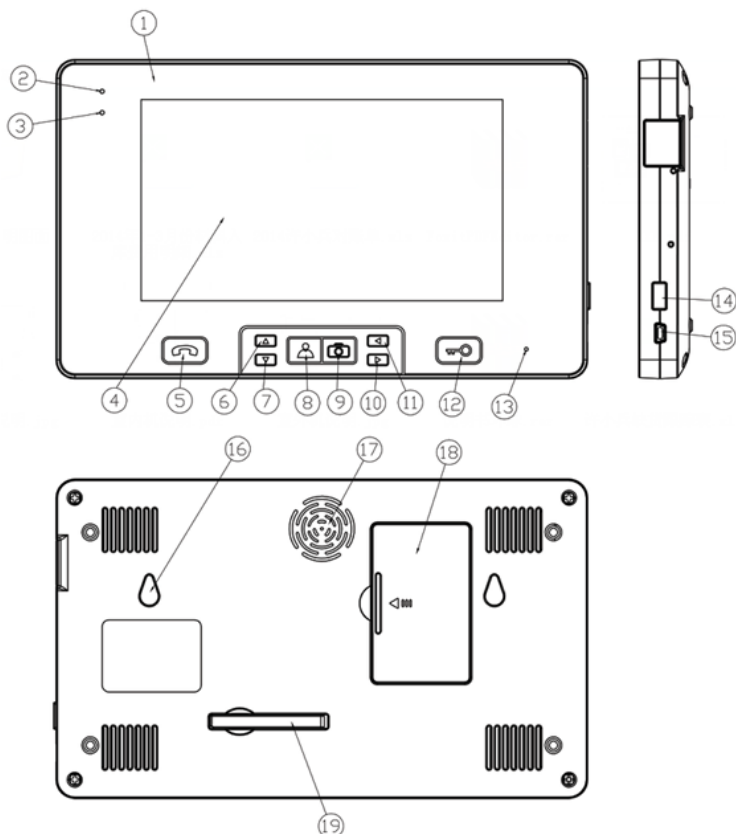
- (1) Outdoor camera, size: 132×90×42mm
- (2) 7" indoor monitor, size: 225×135×18mm
- (3) Power adapter for outdoor camera ; Input: 100-240V 50/60Hz Output: 5V/1A
- (4) USB power adapter for indoor monitor; Input: 100-240V 50/60Hz Output: 5V/1A
- (5) BL-5J batteries for camera (optional) and monitor
- (6) Screws and stoppers
- (7) User manual
- (8) Color box

4. Outdoor Camera



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|----------------------|-----------------------------|--|
| (1) Infrared light | (2) Camera lens | (3) 'Call' button |
| (4) Indicating light | (5) Speaker | (6) Microphone |
| (7) Tempered glass | (8) Rain shield | (9) Battery lid |
| (10) 'Pair' button | (11) Tamper alarm | (12) Connection point for electric lock (e-lock) |
| | (13) Power connection point | |

5. Indoor Monitor



- (1) Tempered glass (2) Power light (3) Working light (4) 7-inch TFT screen
 (5) 'Talk' button (6) ▲ Up (7) ▼ Down (8) 'Monitor' button
 (9) 'Take picture' button (10) ► Right (11) ◄ Left
 (12) 'Unlock' button (13) Microphone (14) Power switch
 (15) USB interface (16) Fixing slots (17) Speaker (18) Battery lid
 (19) Bracket

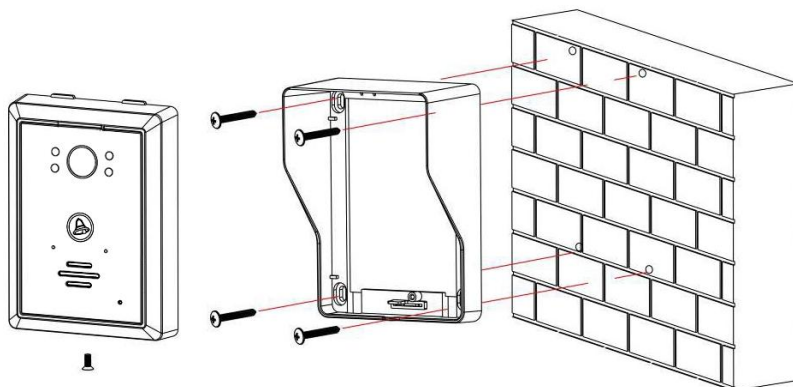
6. Installation Instructions of Outdoor Camera

The outdoor camera should be installed in a shielded position to avoid strong direct sunlight and rain, and the height for installation is recommended to be 1.5m~1.7m so that the outdoor camera can focus on the best monitoring range. The signal will be weakened if there are obstacles between the installation position of outdoor camera and indoor monitor. Check for the best signal position of indoor monitor after installing the outdoor camera to get the clearest result.

If wiring needs to go through a wall, the plug should be first wrapped with tape to avoid any dust or dirt going into the plug which could result in malfunction.

Use double-sided tape to fix outdoor camera on the wall or door. Remove the screw at the bottom and remove the back box and fix directly to the wall.

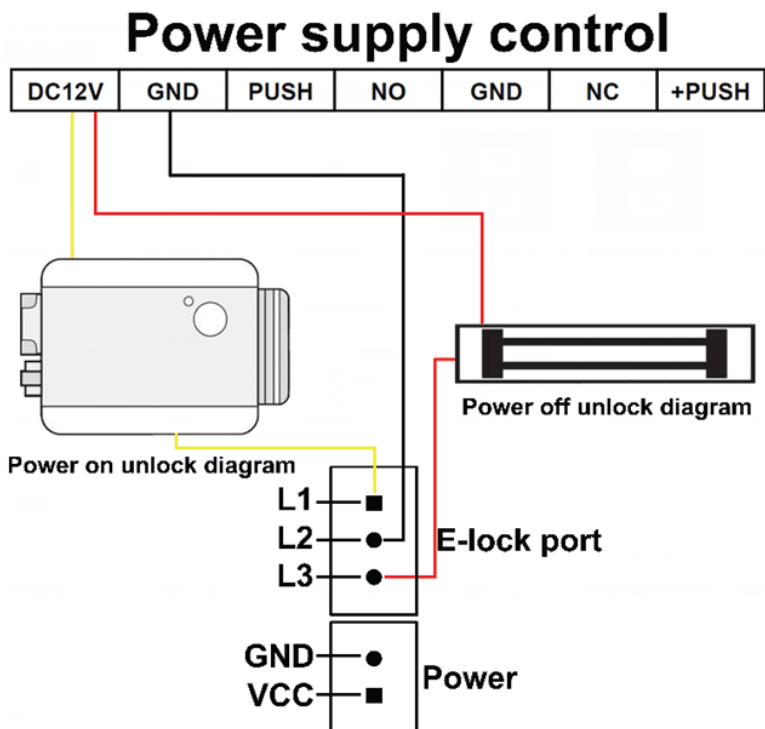
Reposition the outdoor camera into the back box and use screw to fix.



7. E-lock Installation

This system is not supplied with an e-lock.

Users can purchase it separately based on requirement.



8. Operation

Note: When the system is in working condition and if there is no blocking wall between the indoor monitor and outdoor camera, there must be a 6-metre clear space between the two units to avoid producing a 'whistle' sound.

A. Settings.

(1) Date and time

When indoor monitor is in 'power on' mode, press  button for 2 seconds, and users can set the date (month/day/year) and the current time (hour/min):

press ,  button to select (highlighted grey) and press ,  button to adjust selected time option or date option.

(2) Ring tones and volume

When indoor monitor is in 'power on' mode, press  button to select one of the 16 ring tone options as the preferred visitor calling ring tone. When the ring tone is selected, press  button simultaneously to adjust the volume as required, adjustable level: 1-2.

The 16 ring tone options available are : Ding-Dong, To Alice, Westminster Bell, Butterfly Lovers, The Cygnet, Red River Valley, My Heart Will Go On, Turkey's March, Small Dance, Congratulations, William's Prelude, Love Romance Hudson, Memory, The Little Mermaid, Green Sleeves, Romeo and Juliet.

(3) Talk volume

In the talk mode, press ,  button to adjust the talk volume, adjustable level: 0-7



(4) Brightness

Indoor monitor has dynamic image from outdoor camera. Press ,  button to adjust brightness, adjustable level: 0-7

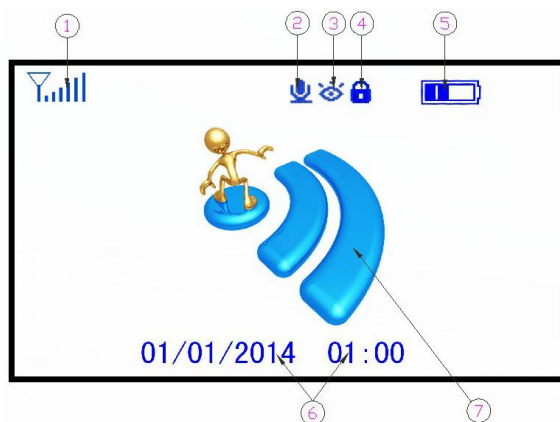


B. Operation.

(1) Indoor monitor on/off

Turn on: Press the power switch for 2 seconds, the working light will turn red and the machine will ring.

Turn off: Press the power switch for 2 seconds, the working light will go off.



- (1) Wireless signal (2) Talk (3) Continuous monitoring
(4) Unlock (5) Battery level (6) Date and time
(7) Boot screen

(2) Talk and unlock

When the visitor presses the “call” button on the outdoor camera, the indoor monitor(s) will play ring tone and show the image of the visitor.

- A. Press  button of one indoor monitor to speak to visitor before unlocking. Other indoor monitors can still show the image but can not receive the sound of the visitor. If you want to use another indoor monitor to talk, press  button to finish the current dialogue, and then press  button on the other indoor monitor to speak to the visitor.

When in talk mode, press  button to unlock, and the unlock signal will show on the screen; when release  button, the unlock signal will disappear.

Press  button to turn off the screen and enter standby mode, the monitor will turn into standby mode automatically after 30 seconds.

- B. If you do not want to receive the visitor after seeing the video, take no action or press the  button to turn off the screen and enter into standby mode. Indoor monitor will enter into the standby mode after 30 seconds if no action is taken.

Note: If you use multiple indoor monitors, please keep suitable distance between each one to avoid any distortion of the talking sound.

(3) Monitor

For one or more outdoor cameras working with one indoor monitor - if there is no call signal made from the outdoor cameras and the indoor monitor is in standby mode, the user can press the  button once to wake up the indoor monitor, press  button again to enter continuous monitor mode for continual outside viewing. The monitor signal will display on the screen. Press  button again to quit and close the screen.

Note: For more than one outdoor camera working with one indoor monitor - in monitor mode, press  button to show the image from CAM1, CAM2 or CAM3, in sequence; At the last outdoor camera, press  button again to quit and close the screen.

(4) Battery Charge

At first charge the new lithium battery for at least 5 hours to fully activate. After this, a low battery can be re-charged over 3 hours when required. Battery provides up to 80 hours of standby time.

(5) Photo

(a) Take photos

To take picture from outdoor camera, press  button. Press once for one picture. If the user is not available or does not take any action, all indoor monitors will save the image from the outdoor camera automatically after 10 seconds.

Note: The monitor will save the latest picture (replacing the earliest picture) if available memory is exceeded when taking the latest picture.

(b) Browse photos

Press  button, Then press ◀, ▶ button to browse the stored pictures. Press ↶ button to exit.

(c) Delete photos

First turn on the indoor monitor, press  button for 2 seconds, then press the  button again for 1 second, press ◀, ▶ button to check through photos, press  button to choose photos, press ◀, ▶ button to choose 'yes' or 'no' to delete selected photos.

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C. Pairing Camera and Monitor.

One outdoor camera and one indoor monitor system

Press 'pair' button of outdoor camera ('pair' button in the back of the outdoor camera), indicating light will flash, press  button of indoor monitor at the same time, if pairing is successful, the image from the outdoor camera will be shown on the screen of indoor monitor.

9. Failure Diagnosis

Malfunction	Checking	Debug
Fail to start the product	Check if indoor monitor is turned on.	Turn on the indoor monitor.
	Check if the power of Li-on battery is too low.	Charge the Li-on battery.
Fail to charge	Check if the power adapter is correctly plugged into the mini USB port.	Re-connect power adapter into indoor monitor.
	Check if the power adapter is correctly connected to the 100-240V AC electricity.	Re-insert the plug to make sure power adapter is correctly connected to AC electricity supply.
Talk mode no voice	Check if the talk volume is adjusted to the lowest level.	Adjust the talk volume to suitable higher level.
The image is flashing or making noise	Check if the indoor monitor is close to an induction cooker or microwave oven which have magnetic wave.	Keep indoor monitor away from electric appliances which have magnetic wave.
Indoor monitor is not receiving signal	Check if the outdoor camera isn't connected to the power supply.	Connect power adaptor to the outdoor camera.
	Check if the outdoor camera is far away from the indoor monitor or if the signal is blocked by multi wall.	Keep the distance between indoor monitor and outdoor camera within 60 meters and clear from multi wall barriers.
	Check if there is another strong magnetic interference within operating distance.	Keep indoor monitor away from other strong magnetic interference.

10. Working Environment

(1) Working temperature: -15°C — $+55^{\circ}\text{C}$

(2) Working humidity: $\leq 85\%$

11. Notice

- (1) Please do not cover anything on the microphone or speaker when there is conversation.
- (2) Please always use the correctly specified electrical power source and adapter provided (or equivalent specification). Using an incorrect adaptor may lead to the damage of the circuit and components.
- (3) Do not attempt to repair this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Please consult the qualified service personnel.
- (4) Please strictly follow the user manual before installing and testing this product. If there is any question, please contact our tech support team and customer service personnel.