2. 4G Wireless Video Door Phone

Manual Instruction

Design change may be taken without prior notice.

I. Introduction

This product adopts the theory of 2.4G digital audio frequency and video wireless transmission, outdoor surveillance and indoor display, bilateral intercom. The indoor monitor has the remote unlock function and can monitor outdoor circumstances at any time, the advanced infrared assisting lumination, which make sure visitor(s) can be viewed at night. With fashionable and fresh appearance, clear viewing, simple installation way, adding one more scientific protection for your family, this is absolutely an ideal security product for modern families. For better taking advantage of the prior functions, please carefully read our instruction for correct installation and operation.

[Remark]: This manual is suit for the kit with one camera matching one monitor instead of multiple matching style.

II. Parts

<table>
<thead>
<tr>
<th>One complete package includes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor monitor 1PCS</td>
</tr>
<tr>
<td>Outdoor camera 1PCS</td>
</tr>
<tr>
<td>12V Power adapter 1PCS</td>
</tr>
<tr>
<td>Bracket 1PCS</td>
</tr>
<tr>
<td>Sample wire for E-lock 1PCS</td>
</tr>
</tbody>
</table>

III. Functions

1. Outdoor Unit

   **Front View**
   - Camera lens for monitoring
   - Fill light
   - Microphone
   - Speaker
   - Power indicator
   - Working indicator
   - Label

   **Back View**
   - Microphone
   - Speaker
   - DC Connector
   - Electromagnetic switch
   - Code button
   - Reset button
   - Short circuit unlock

2. Indoor Unit

   **SD Card**
   - LCD screen
   - Speaker
   - Power light
   - Antenna
   - Microphone
   - Button
   - Indicator light

Button 1: Menu, Confirm, Picture recording (optional)
Press this button to enter into menu operation interface and adjust door phone system; picture recording function is optional for the system.

Button 2: Video recording (optional), Exit
Video recording function is optional for door phone system; press this button to exit menu operation.

IV. Operating Instruction

<table>
<thead>
<tr>
<th>Menu operation instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. How to enter into Menu operation interface.</td>
</tr>
<tr>
<td>When power is on and LCD is closed, press [ ] button to enter into Menu operation interface.</td>
</tr>
<tr>
<td>Note: Press [ ] to exit.</td>
</tr>
<tr>
<td>2. How to adjust resolution.</td>
</tr>
<tr>
<td>After entering into menu, press [ ] button to option list, press [ ] button or [ ] button to choose the right item.</td>
</tr>
<tr>
<td>(VGA: video graphics array, high resolution; QVGA: quarter video graphics array, low resolution).</td>
</tr>
<tr>
<td>3. How to adjust brightness.</td>
</tr>
<tr>
<td>Press [ ] button to &quot;Brightness&quot;, press [ ] button to option list, press [ ] button or [ ] button to choose the right item.</td>
</tr>
<tr>
<td>4. How to adjust Saturation.</td>
</tr>
<tr>
<td>Same as above procedures.</td>
</tr>
<tr>
<td>5. How to adjust TX volume (transmitter volume)</td>
</tr>
<tr>
<td>Press [ ] button to &quot;TX volume&quot;, press [ ] button to option list, press [ ] button or [ ] button to choose the right time.</td>
</tr>
<tr>
<td>6. How to adjust RX volume (receiver volume)</td>
</tr>
<tr>
<td>Same as above procedures.</td>
</tr>
<tr>
<td>7. How to adjust language.</td>
</tr>
<tr>
<td>Press [ ] button to &quot;Language&quot;, press [ ] button to option list, press [ ] button or [ ] button to choose the right item.</td>
</tr>
<tr>
<td>8. How to adjust date.</td>
</tr>
<tr>
<td>Press [ ] button to &quot;Date&quot;, press [ ] button to the item needed to be adjusted, press [ ] button or [ ] button to adjust.</td>
</tr>
<tr>
<td>9. How to adjust time.</td>
</tr>
<tr>
<td>Same as above procedures.</td>
</tr>
</tbody>
</table>

The following additional functions will only be activated if add SD card.

- Video playback
- Storage capacity
- Delete capacity
- Restore defaults

How to access additional functions interface.
Press [ ] to enter into operation interface, then press [ ]:

- How to record videos.
  Press [ ] when it is in standby state, press [ ] to record a 10S video. Another press will record a new 10S video, no operation within 45S or pressing monitor button will make it turn to standby state.

- How to record pictures.
  Press [ ] when it is in standby state, press [ ] to take a picture. Another press will record a new picture, no operation within 45S or pressing monitor button will make it turn to standby state.

- How to check recording videos.
  Press [ ] to enter into operation interface, press [ ], press [ ] again, then press [ ] or [ ] to choose [ ], press [ ] to check recording videos, press [ ] to exit.

- How to check recording pictures.
  Press [ ] to enter into operation interface, press [ ], press [ ] again, press [ ], then press [ ] or [ ] to choose [ ], press [ ] to check recording pictures, press [ ] to exit.

- How to delete recording videos.
  Make a long press [ ] (more than 3S) in process of browsing of videos, it will appears "Yes" or "No", press [ ] to choose "Yes", press [ ] to delete.

- How to delete recording pictures.
  Make a long press [ ] (more than 3S) in process of browsing of pictures, it will appears "Yes" or "No", press [ ] to choose "Yes", press [ ] to delete.

- How to check storage capacity.
  Press [ ] to enter into operation interface, press [ ], press [ ] then user can check storage capacity information.

- How to check storage capacity.
  Press [ ] to enter into operation interface, press [ ] or [ ] to delete storage information, press [ ] at last to confirm.
The following additional instructions are for optional SD card functions:

10. AVI / JPG playback.
If add SD card function to door phone system, user can check recording videos or pictures by activating this function.

11. SD storage usage.
User can check storage usage of SD card by activating this function.

12. Format SD card
User can delete all the information stored in the card.

13. Default setting
Function operation instructions

Firstly, connect the equipments with electricity and check if code has been paired for the two units, after the outdoor camera has been connected with power adapter and then to electricity, indoor monitor has been connected to electricity, press MONITOR button and Talk button on indoor monitor to check if there have signals for communications for the two units.

Code pairing instruction
If the two units have no code pairing, or user changes any one of the indoor and outdoor units that need to do code pairing for the two units, please do it as following:

1. Make a long press (about 5 seconds) on Monitor button until you can see "please press pair key on sensor side" (Pic 1)
2. Press the pair button on the back side of outdoor camera within 10 seconds. (Pic 2)

User can adjust image quality, volume and information showed in screen to hit the spot as the menu operation instruction.

When outdoor visitors press CALL button on outdoor camera, indoor monitor will ring out, indicator light will gleam and image will display at the same time.

House owner operates as belows:
1. Press UNLOCK button to release the lock which is connected with door phone system.
2. Press INTERCOM button to talk with outdoor visitor.
3. If house owner do not want to receive outdoor visitor after monitoring, do not do any operation.

Video image will shut off automatically and return to standby state after 15 seconds. After it shuts off, owner should press MONITOR button again to continue display. During monitoring state, another press on MONITOR button will interrupt monitoring state.

Monitor and Intercom operation

Indoor owner can press MONITOR button at any time when indoor monitor is under standby state to watch video image of front door, and color light will gleam at the same time. After MONITOR operation, owner can press INTERCOM button to activate conversation between indoor unit and outdoor unit. LCD screen will close automatically and return to standby state after 60 seconds.

Unlock operation

For safety purpose, the lock can be released only when outdoor visitor presses CALL button or indoor monitor is under Monitor state, it will not response to other operation.

Note: SD card function is an additional function for video door phone, ordinary wireless door phone equipment does not have this function.

V. Installation Instruction

Installation instruction for outdoor unit

Recommended installation height is 1.5m~1.7m.

1. Separate the bracket, take the camera out on it, use screws inaccessories package to fix mounting bracket onto the wall. (Pic 1)
2. Fix the camera into the bracket and then push it up to match them together. (Pic 2)
3. Use the screws to fasten it. (Pic 3)
4. Fix the antenna to screw bolt and fasten it. (Pic 4)

NOTE:
1. Do not install the outdoor unit where it will be exposed to direct sunlight or any strong reflected light or rain.

NOTE:
1. Do not install the outdoor unit where it will be exposed to direct sunlight or any strong reflected light or rain.
2. Do not install the outdoor unit where it will be subjected to extremes of dust or moisture, do not install it near to acid oxides, or any harmful gas which might cause malfunction.
3. Do not install the outdoor unit in a location where the lens filter is likely to get scratched or very dusty.
4. Check cables are connected correctly and camera unit is firmly installed.

Installation instruction for indoor unit

Recommended installation height is 1.5m~1.7m.
1. Fix the wall-mounting bracket in the best place by 4 screws and fasten it.
2. Fix the indoor monitor onto the bracket and make them match well.

Note:
1. Do not install near other electronic equipment such as computer, TV, video recorder as these may cause radiated interference to the unit.
2. Do not drop or shock the unit.
3. Do not spray water or place any flame onto the unit.
4. Remove the power cord from the wall socket when it is not used for long period.
5. This apparatus is designed for moderate climate. Do not use in high humidity, dusty, dirty areas.

VI. Specifications

<table>
<thead>
<tr>
<th>Outdoor Camera</th>
<th>Indoor Monitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>DC15V/AC110V-250V</td>
</tr>
<tr>
<td>Camera Tube</td>
<td>7&quot; LCD</td>
</tr>
<tr>
<td>Resolution</td>
<td>1440x231L</td>
</tr>
<tr>
<td>Ring type</td>
<td>Five ring tooes</td>
</tr>
<tr>
<td>Focus Distance</td>
<td>5m-1</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>5W Working 10W</td>
</tr>
</tbody>
</table>

X. Cautions

- All part should be protected from violent vibration.
- Do not match our products with other video door phones produced by other factories.
- Please do the cleanliness by using soft cotton cloth, do not use organic or chemical impregnate, but a little pure water or dilute soap water to clean dust.
- Image distortion in voice interference may occur if video door phone is too closed to magnetic place or near to radiation.
- Please do not store the products in extreme hot or cold temperature which can shorten the life of electronic devices or distort/melt certain plastics or cause malfunction.

IX. Trouble Shooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Check point</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>No image</td>
<td>Is it connected to power?</td>
<td>Connect both of the units to power</td>
</tr>
<tr>
<td>No sound</td>
<td>If the volume is adjusted to the least</td>
<td>Enter into menu operation interface, and adjust volume to be suitable</td>
</tr>
<tr>
<td>Jazz</td>
<td>If the brightness and contrast are not adjusted to the best</td>
<td>Enter into menu operation interface, and adjust brightness and contrast to be suitable</td>
</tr>
<tr>
<td>Audio</td>
<td>If the indoor device is far away from TV set, fluorescent lamps, mobile phone which has electronic and magnetic wave</td>
<td>Prevent the devices off these things which has electronic and magnetic wave</td>
</tr>
<tr>
<td>No image</td>
<td>If the outdoor camera doesn't connect the power</td>
<td>Connect it with power</td>
</tr>
<tr>
<td>No image</td>
<td>If the outdoor camera is far away from indoor monitor</td>
<td>Keep the distance within 60 meters (stopped by multi-wall)</td>
</tr>
<tr>
<td>No image</td>
<td>If there is other strong magnetic space before</td>
<td>Put the indoor device out of the strong magnetic space</td>
</tr>
<tr>
<td>No image</td>
<td>If code pairing step has not been done</td>
<td>Do code pairing step as instruction</td>
</tr>
</tbody>
</table>