Thank you for purchasing our products. Please before using the product carefully read the instructions,

1. Introduction
This product is digital wireless security system with low cost, the camera uses a dynamic detection technology, SD card recording, it supports single and 4 at the same time display and video. You can manually and moving objects automatically record.
Scope of application: warehouses, shopping malls, home security, care for children and the elderly.

2. Features
- Digital wireless 2.4 GHz camera & DVR
- 7/9 inch high resolution TFT digital led display
- Digital wireless long range transmission
- Digital video recorder with motion detection
- support system information displayed on the screen (OSD) function;
- supports the NTSC/PAL video output;
- supports the Audio output;
- Storage to SD card
- Support up to 32 GB SD card

3. PACKING LIST
1. Digital Wireless Camera
2. 7/9 Inch Digital Wireless Receiver
3. Lithium Battery For Receiver
4. Adapter For Camera
5. Adapter For Receiver
6. Antenna
7. Video/Audio Cable
8. Usb Cable

4. DIAGRAM
5.2 RECEIVER:

5. STRUCTURE
5.1 Camera:
7. Key Function Description

7.1 SPLIT: Preview Mode Switch
7.1.1 No Scan Mode
7.1.2 Quad Mode
7.1.3 Scan Mode
7.2 ESC: esc
7.3 UP DOWN:
7.3.1 The Noscan Mode Is Camera Switching Function
7.3.2 The Main Menu Is The Up Down Function
7.4 LEFT RIGHT
7.4.1 The Main Menu Is The Left Right Function
7.4.2 The Preview Mode Is The Volume Control Function
7.5 ENTER: menu Enter
7.6 MENU: main Menu
7.7 REC Record Record Stop
7.7.1 ThePreview Mode Is The Record And Stop Function
7.7.2 Video Playback Is Paused

8. Menu

This menu provide 8 options, customer can make a selection based on the buttons at the bottom of the screen prompts as following:

Camera Setting
Record Setting
Record Trigger Setting
System Setting
Event List
Alarm Switch
Pan/Tilt/Zoom
SD Capacity/Update FW

8.1 Main Menu

After Activate a different icon by ▲▼ key press enter key to next step, press esc key to return last step.

8.1.1 Camera Setting

Under this menu can setting pairing activation, brightness, volume, MD area function

8.1.1.1 Pairing

Press enter key under camera setting and select pairing option

Activate ▲▼ key via correspond camera icon, and press enter to perform code, and press pair key at camera side to perform code, otherwise "no pair" after perform code. If no corresponding device pairing will esc the code pairing function, press enter key within 10 seconds can cancel the code pairing function.

8.1.1.2 Activation

This menu can setting different camera activation, select the menu and press enter key to revise.

8.1.1.3 Brightness

This function can be setting different camera brightness or darkness, select the menu and press enter key to revise.

8.1.1.4 Volume

This menu can setting the camera volume of different mic under push talk mode, press enter to modify.
8.1.2.2 Date stamp
This option can set whether having the date stamp in video files, use the enter key to modify.

8.1.2.3 PRE-Record
This menu can set whether saving the video of before trigger record, only for key trigger and MD trigger, cannot be used for auto record, use the enter key to modify

8.1.2.4 SD Over Write
This Menu can set whether using cycle record function, when the memory is not enough, the system will automatically delete the oldest video, use the enter key to modify.

8.1.2.5 SD Format
This menu can format SD card, use the enter key to confirm.

8.1.3 System Setting
This menu can set time setup, TV output, power-saving, camera switch interval, resolution, USB output, default setting.

8.1.4.1 Time Setup
This menu can set date and time, using enter key to modify the value.

8.1.4.2 TV Output
This menu can set TV output function, using enter key to modify the value, if you set (NTSC/PAL) mode, the TFT will turn off, and the image display on the TV

8.1.4.3 Power Saving
This menu can set power saving function, use the enter key to modify the value if you set (2min/5min/10min) value, an operation after (2/5/10)minutes automatic standby at standby mode, use any key can wake up the LCD
8.1.4.4 Camera Switch Interval
This menu can set the cycle time at scan mode, when time out, will display next camera image. Default value is 5 seconds, using enter key to modify.

8.1.4.5 Resolution
This menu can set preview resolution at single picture mode, default value is VGA, use the enter key to modify.

8.1.4.6 USB Output
This menu can set USB function, can be set to PCAM and MSC, default value is NONE, use the enter key to modify.

8.1.4.7 Default Setting
This menu can restore the system default value, use the enter key to modify.

8.1.8 SD Capacity/Update FW
This menu can display the SD card content and update FW.

8.1.8.1 SD Capacity
When SD card not insert, will display CARD OUT
When SD card insert, will display the remaining capacity of SD card;
When SD card insert, but can’t distinguish, will display UNKNOW.

8.1.5 Event List
This menu can play back the video in SD card, press enter key to enter submenu, press ESC key to return previous menu.

Select the entry date and hour, select the file and press enter key to play or press ▲ key and press enter key to delete the file.

8.1.6 Alarm Switch
This menu can set whether to emit the tone when detect moving objects, using enter key to modify.

8.1.7 Pan/Tilt/Zoom
This menu can pan/tilt/zoom the image, using enter key to switch preview mode.

In pan/tilt/zoom menu, press enter key to enter zoom in mode, press enter again to exit zoom in mode, in zoom in mode, using ▼ key to execute up/down/left/right moving.

9. Specifications
9.1 Camera:

<table>
<thead>
<tr>
<th>Sensor Type</th>
<th>Colour cmos</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>640 x 480 (VGA)</td>
</tr>
<tr>
<td>Lens Focus</td>
<td>3.6mm</td>
</tr>
<tr>
<td>Viewing angle</td>
<td>70°</td>
</tr>
<tr>
<td>Lens Size</td>
<td>1/4”</td>
</tr>
<tr>
<td>Transmission Frequency</td>
<td>Ism 2400 ~ 2483MHz</td>
</tr>
<tr>
<td>Transmission Power</td>
<td>23dBm</td>
</tr>
<tr>
<td>Modulation Type</td>
<td>GFSK</td>
</tr>
<tr>
<td>Transmission Range</td>
<td>100m ~ 300m</td>
</tr>
<tr>
<td>Power Supply</td>
<td>DC5V</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>daytime:300mA, night:700mA</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10°C ~ +60°C</td>
</tr>
<tr>
<td>Camera Size</td>
<td>95x69x69(mm)</td>
</tr>
</tbody>
</table>
### 9.2 Receiver

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCD</td>
<td>7/9 INCH TFT</td>
</tr>
<tr>
<td>LCD resolution</td>
<td>800 x 480</td>
</tr>
<tr>
<td>Receiving Frequency</td>
<td>ISM2400-2483MHz</td>
</tr>
<tr>
<td>Modulation Type</td>
<td>GFSK</td>
</tr>
<tr>
<td>Receiving Sensitivity</td>
<td>≤ -80dBm</td>
</tr>
<tr>
<td>Battery Type</td>
<td>Lithium Battery</td>
</tr>
<tr>
<td>Battery Capacity</td>
<td>1020 mah</td>
</tr>
<tr>
<td>Video Output</td>
<td>1.0 Vpp</td>
</tr>
<tr>
<td>Audio Output</td>
<td>1.5 Vpp</td>
</tr>
<tr>
<td>Video Format</td>
<td>NTSC/PAL</td>
</tr>
<tr>
<td>Storage Type</td>
<td>SD Card</td>
</tr>
<tr>
<td>Card Maximum Capacity</td>
<td>32 GB</td>
</tr>
<tr>
<td>Power Supply</td>
<td>DC 5V</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>1000mA (charge)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>7 TFT 200X117X20(mm)</td>
</tr>
<tr>
<td></td>
<td>9 TFT 238X170X22(mm)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10° C – +60° C</td>
</tr>
</tbody>
</table>

### 10. Matters need to be noticed

1. The product should be placed where is stable, windy, air-dry, non-sunshine, non-strong magnetic and non-dusty;
2. Don’t clean the surface with chemicals but with soft and clean dry cloth;
3. Don’t press several buttons at the same time;
4. The outdoor and indoor unit must be matched with appointed specified models and cannot match with others that are not our products;
5. Do not disassemble the machine without authorization, if the need for fault repair, please contact the distributor or the company’s technology department.

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### 11. Failure diagnosis

<table>
<thead>
<tr>
<th>Defect</th>
<th>Judgement</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unable to start the product</td>
<td>turn the switch to the “ON”?</td>
<td>Turn the switch to the ON</td>
</tr>
<tr>
<td></td>
<td>if the power of Li-ion batteries is not enough?</td>
<td>To charge the Li-ion batteries</td>
</tr>
<tr>
<td></td>
<td>if connect the power adaptor?</td>
<td>To connect the power adaptor</td>
</tr>
<tr>
<td>Unable to charge</td>
<td>if the plug of power adaptor correctly plug into the charging slot?</td>
<td>Re-connect the devices and power adaptor</td>
</tr>
<tr>
<td></td>
<td>if the power adapter has been connected to the 110-240V AC?</td>
<td>Re-insert the plug so that power supply connected to AC power adapter</td>
</tr>
<tr>
<td>Speaking state no voice</td>
<td>if the volume is adjusted to be the least?</td>
<td>To adjust the volume to be suitable</td>
</tr>
<tr>
<td>The image is flashing or noise</td>
<td>if the receiver is close to TV set, fluorescent lamps, mobile phone which has electronic and magnetic wave?</td>
<td>Keep the devices of these things which has electronic and magnetic wave</td>
</tr>
<tr>
<td>The receiver shows no signal</td>
<td>if the camera doesn’t connect the power?</td>
<td>To connect the outdoor device power</td>
</tr>
<tr>
<td>image</td>
<td>if the camera is far away from the indoor phone?</td>
<td>Keep the distance within 60 meters (with multi-wall barrier case)</td>
</tr>
</tbody>
</table>