Please read this instruction manual carefully before using the product.

**Main Part List**

1. **Button Functions**

- **Playback** (Left 1)
- **Menu/Ok** (Left 2)
- **Up** (Left 3)
- **Down** (Left 4)
- **Amplification/Minification** (Left 5)
- **Photo/Video** (Left 6)
2. 电源开关  Power Switch

✧ 操控手柄电源开关  Switch of the Hand grip
显示器电源开关  Monitor’s Power on/off Button

LED灯调节开关  LED Brightness Adjustment Switch
3. Battery Compartment

4. Female Connector and Male Connector
5. Reset Indicator (A Tiny Hole at the Button Side)

Accessory List
（配件图片）
1. Mirror (Provided for 7810B, 7810C, 7810D Only)
2. Hook (Provided for 7810C, 7810D Only)
3. Magnet (Provided for 7810C, 7810D Only)
4. USB Data Cable
5. Power Adapter
6. AV Output Wire
7. Instruction Manual

Table of Content
1. Safety Instructions .......................................................... 3
2. In The Package .............................................................. 3
3. Information About The Product ................................. 4
4. Before First Use .......................................................... 4
5. Installation ................................................................. 4
6. Operation ................................................................. 4
Safety Instructions

- Read this manual carefully before use.
- May not be used by children under 12 years of age.
- Do not use the endoscope with highly flammable products or in explosive spaces such as with flammable gas or dust. Use of the endoscope can cause explosion.
- Do not use the endoscope near corrosive chemical substances. These can damage the endoscope’s protective coating and affect working life and quality.
- When using the endoscope in dangerous conditions, always wear protective clothing such as goggles and a helmet.
- Do not pour any liquid in the appliance.
- Do not use the appliance for medical purposes.
- Do not use the appliance as a hammer or drop it.
- Clean the appliance with a dry cloth.
- Clean the lens with a slightly moist cloth Do not use corrosive substances.
- Always remove the batteries when cleaning
- When replacing the batteries always use the same batteries and replace both batteries.
- Save the appliance in a dry and ventilated space.
- Do not use the appliance in temperatures above 60 °C
- Do not bend the probe more than 150 °.
- Do not use the camera if condensation forms inside the lens. Let the water evaporate before using again.

In the Package

<table>
<thead>
<tr>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Endoscope Main Unit</td>
</tr>
<tr>
<td>1</td>
<td>Instruction Manual</td>
</tr>
<tr>
<td>1</td>
<td>USB Data Cable</td>
</tr>
<tr>
<td>1</td>
<td>Power Adapter</td>
</tr>
<tr>
<td>1</td>
<td>AV Output Wire</td>
</tr>
<tr>
<td>1</td>
<td>Mirror(Provided for 7810B,7810C,7810D Only)</td>
</tr>
<tr>
<td>1</td>
<td>Hook(Provided for 7810C,7810D Only)</td>
</tr>
<tr>
<td>1</td>
<td>Magnet(Provided for 7810C,7810D Only)</td>
</tr>
</tbody>
</table>

Check all parts for transport damage. In case of damage contact your dealer immediately.
Check the package for completeness. Inform your dealer about missing parts immediately.

Information About The Product

The product is designed as a remote inspection device. It can be used to look into tight spots and beam back real-time video to its LCD monitor. Typical application circumstance include HVAC, termite and other insect or building inspections, cable route, automotive/boat/aircraft inspections etc.

Before First Use

Remove all packaging materials and check the scope of delivery for completeness. Make certain every object in
Installation
Please install the batteries before using the product, choose the accessory according to the actual situation. Steps of installation is listed below:

1. Press the monitor against the host.
2. Push the monitor until tightly fixed.
3. Using a screwdriver, remove screw and cover. If there is no screw, slide to remove the cover.
4. Take out the battery compartment and insert 4 new AA (1.5 V) batteries into the proper slots within it. Proper battery orientation is indicated on the battery compartment.
5. Reinstall the battery compartment.
6. Reinstall the battery cover.
7. Connect the probe tube.

Operation

Switching On/Off
Before using the unit for the first time:
- Ensure the time and date have been set.
- Ensure the SD card is inserted.

Press the ON/OFF button to switch the device on.
The camera image will appear on the screen.
To switch the device off, press the ON/OFF button

Camera Illumination
The inspection camera is equipped with a dimmable LED light in the camera head. Its brightness can be adjusted.
Press trigger button in the handle to adjust the LED Lamps brightness (7 levels), press it two seconds to turn off LED Lamps.

Zoom function
Press Magnification Button to enlarge the image(8 times) on screen.

Menu Options and Settings
Power on the endoscope, press Menu/OK Button to enter the menu setting, press Button two seconds to enter menu page, press Up/Down Button select the menu items and then...
press Menu/OK to set or confirm the settings, then press Menu/OK Button two seconds to quit the menu setting, come back to operating mode.

**Language Selection**
Allows the language to be set for the menu functions.
Use the Up/Down Button to select from the language available.

**Date/Time**
Use the Up/Down Button to edit the time and date.

**Camera & Video Operation**
Inserting SD card.
Before using the camera or video function an SD card must be inserted into the card slot.
Note:- Card must be inserted with contacts facing upwards.
Then screen will then show the SD card icon.

**Snapshot & Video Recording**
Press Photo/Video Button two seconds to convert Snapshot or Video Recording Mode.then press Button to start/stop recording video or capture picture.
Press the camera button to take a picture.

**Image Management**
Press Playback Button two seconds to enter Play Mode. Press Up/Down Button select photos or videos, then press Button to browse photos or play videos. Press to edit or delete a photo/video.

**Playback**
Press Playback Button two seconds for playback of photos/videos.

**Transferring files to a computer**

Connect USB cable between mini USB port and computer.
Switch on camera, computer will then detect unit as a removable disk.
Files can now be copied over to computer as required.

**Disposal**

**Packaging**
Device

After the device has reached the end of its service life, follow the legal regulations concerning the disposal of electrical devices. Take the device to your retailer or to an appropriate public collection point, where it will be recycled.

Do not put your used batteries, nickel cadmium, rechargeable round cell or starter batteries with your household rubbish. Take them to an appropriate disposal/collection site.

**CE Declaration Of Conformity**

This product complies with the EU CE guidelines and directives. Electromagnetic Compatibility 2004/108/EEC RoHS Directive 2011/65/EU Annex ll;recasting 2002/95/EC.

**FAQ**

Q1: What's length of the snake tube? Is the snake tube detachable?
   A1: The snake tube is detachable, Max Length can be extended 20m.

Q2: How long can the endoscope work?
   A2: It depends on the battery situation, a full power lithium battery can work for 1-3 hours, 4 AA battery works 1-2 hour.

Q3: How much space does it support?
   A3: The endoscope supports 32GB (Max).

Q4: Can I use it in dark place? Is it waterproof?
   A4: Yes, it has 4 LEDs, 7 levels brightness adjustable; IP67 waterproof as well as oil, acid, alkali resistant.

Q5: How long of warranty?
   A5: The warranty period is 12 months (since the date of purchase).

**Warranty**

The whole machine one year free warranty from the date of purchase. After the warranty period, According to the paid service fee standards provide paid services. The warranty terms will take effect since the date of purchase.

The warranty is only for products from our company.

The following situations are not included:
1. The main engine or parts of the product beyond the warranty period;
2. The failure or damage caused by failure to specification requirements, operator errors and improper storage and maintenance of unexpected factors or human factors.
3. The failure or damage are caused by the installation, repair, change, addition or dismantlement by the institutions and staff who are not authorized by the Company.
4. The failure or damage caused by a natural disaster.
5. Normal and reasonable consumption or damage as well as the resulting damages.
6. The failure or damage are caused by other problems instead of the quality problem of the Company’s machines (including parts).

When a machine breaks down, please send both faulty machine and the warranty card directly to the company, while the round-trip post fee shall be borne by users themselves. The Company will maintain or replace the parts as per the fault condition, while the replaced parts shall be owned by the Company. Please note that the warranty period of the original product shall not be extended due to maintenance or replacement, while the warranty period for such breakdown maintenance shall be 2 months. If any other service needs beyond the standard range of this warranty services, please choose the company’s other paid services. In addition, the Company does not assume to take delivery costs and risks of products. Please contact local shops, dealers or visit our website if you have any question.

The company reserves the Right Of Final Interpretation of above Warranty Clauses.

**Product Specification**

<table>
<thead>
<tr>
<th>Model</th>
<th>Wireless Inspection Camera</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Sensor</td>
<td>CMOS Sensor</td>
</tr>
<tr>
<td>Effective Pixel</td>
<td>320(H)x240(V)(NTSC) ; 720(H)x625(V)(P) / 720(H)x525(V)(N); 720(H)x576(V)(P)/712(H)x480(V)(N)</td>
</tr>
<tr>
<td>Focus distance</td>
<td>30mm-80mm</td>
</tr>
<tr>
<td>View angle</td>
<td>60 degree Fov(D)</td>
</tr>
<tr>
<td>Probe diameter</td>
<td>Φ3.9 / Φ5.5 / Φ9.0 / Φ10 / Φ17 mm;</td>
</tr>
<tr>
<td>Probe tube length</td>
<td>1m standard length( up to 20m)</td>
</tr>
<tr>
<td>LED illumination</td>
<td>2/4 lamps, illumination can be adjustable in 7 levels</td>
</tr>
<tr>
<td>Screen</td>
<td>3.5” TFT LCD QVGA 320 x 240 16.7M color</td>
</tr>
<tr>
<td>Signal Transmission</td>
<td>2.4G Wireless Video Transmission, Wired Video Transmission</td>
</tr>
<tr>
<td>Record and Photograph</td>
<td>Photo format: JPG \ BMP \ JPEG</td>
</tr>
<tr>
<td></td>
<td>Video Format: AVI</td>
</tr>
<tr>
<td></td>
<td>Memory card: capacity of 32G mini SD/TF card</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>110-220V</td>
</tr>
<tr>
<td>Output Voltage</td>
<td>5V-2A</td>
</tr>
<tr>
<td>Screen Battery</td>
<td>Built-in Li-battery 1200mAh 3.7V</td>
</tr>
<tr>
<td>Working Voltage</td>
<td>5V</td>
</tr>
<tr>
<td>Working Current</td>
<td>600MA/H</td>
</tr>
<tr>
<td>Handle Battery</td>
<td>4X AA Alkaline Battery</td>
</tr>
</tbody>
</table>

**Product Utility**