

Inspection Camera Instruction Manual

AV7810



Wireless

Please read this instruction manual carefully before using the product.

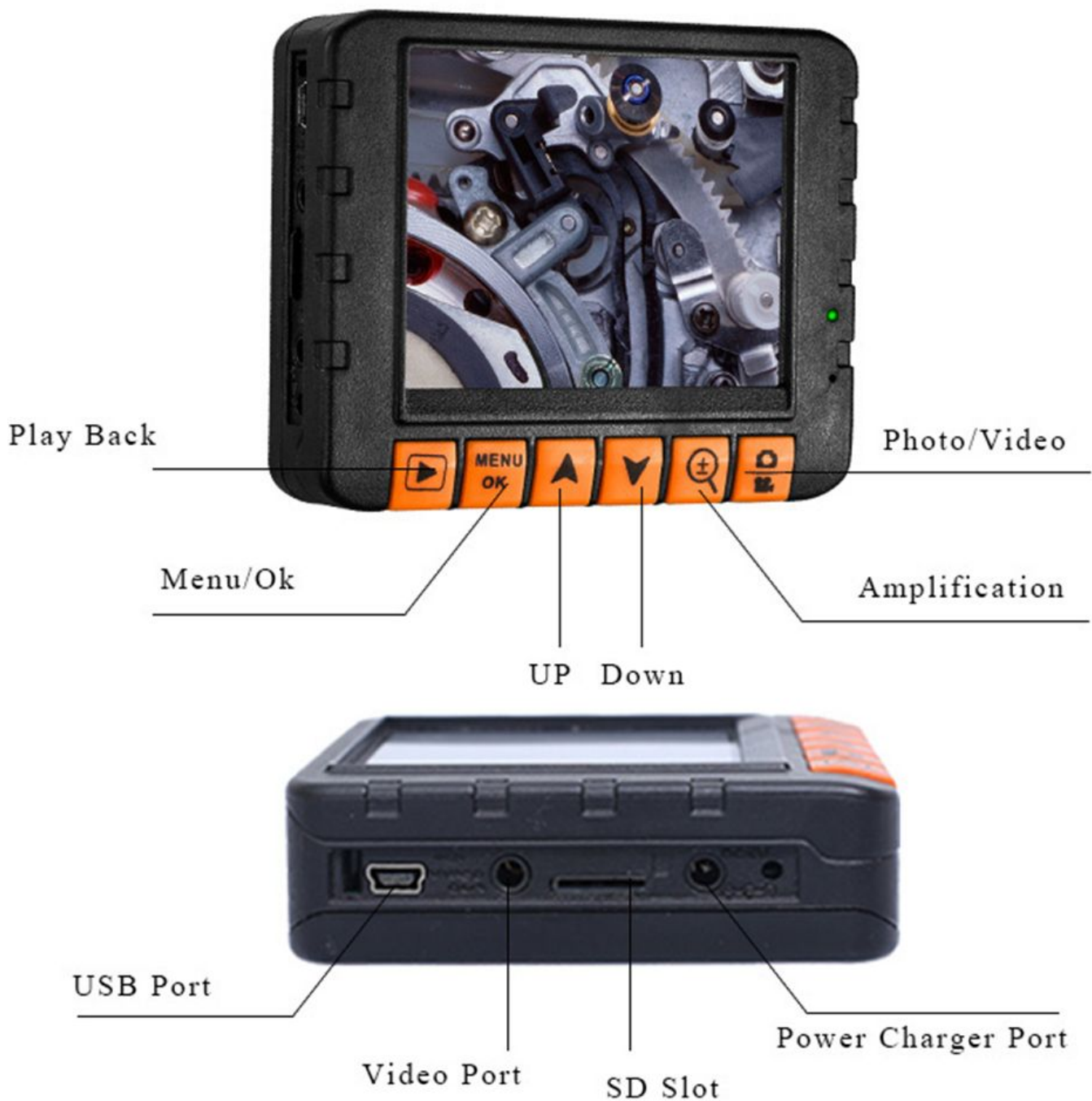
Main Part List (缺组成部分编号示意图)

1. 主按键功能 Button Functions



回放 菜单/确认 向上 向下 放大/缩小 拍照/摄影

(左1) Playback (左2) Menu/Ok (左3) Up (左4) Down (左5) Amplification/Minification
(左6) Photo/Video



(这张图片上的Amplification应该改为Amplification/Minification)

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. 复位键（机身底部孔状）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.Instrual Manual

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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

Qty	Description
1	Endoscope Main Unit
1	Instruction Manual
1	USB Data Cable
1	Power Adapter
1	AV Output Wire
1	Mirror(Provided for 7810B,7810C,7810D Only)
1	Hook(Provided for 7810C,7810D Only)
1	Magnet(Provided for 7810C,7810D Only)

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

the package has been noticed.

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



(这张图片是其他公司的产品，请做张类似的)

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



The packaging can be recycled. Put the packaging materials to appropriate collection containers only.

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 II;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

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

Product Utility



Clearer Image(640x480)

Particle-free for Mirror

Anti-reflection

Brighter Image

Rotatable Image

