YIPINCHENG GROUP
一品呈集团
SUNUO 索诺 | 原道科技

商品名称：无线智能高清耳道检测仪-Q11　　**配套物料：**说明书

商品品类：个护健康　　**制单时间：**2026.5.9

尺寸

146*155mm

工艺

70克书纸，骑马钉装订

商品环节确认人

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版本更新

版本	更新时间	更新内容
-	-	-

图案及细节工艺标注

Smart Detector with Screen

User Manual

EN / DE / FR / ES / IT / DU / JP / DK / SE / CZ

Quick Start Guide

Catalog

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The packaging (instruction) must be retained since it contains important information

CE FC UK CA RoHS

Made in China

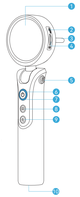
英文

Warm Tips

1. Please follow the user manual for the first use.
2. Please select a 5V1A adapter to fully charge the device.
3. When inserting a new or incompatible memory card, a formatting prompt may appear.
4. Children should be supervised by an adult when using this device.
5. Please observe the surroundings before use, and do not use the product in an environment where people are running.
6. Try to keep it out of reach of children
7. For the first use, please slowly approach the ear canal.
8. This product does not require focal adjustment.
9. This device cannot accurately read the magnification, and the specific magnification effect is subject to the actual picture taken.
10. Do not touch the lens with your hands, otherwise it will cause blurred images and affect the image quality.
11. Do not disassemble the product or component structure by yourself to avoid abnormal use of the device.

Function Introduction

1. **LCD**
   1.8-inch HD IPS display, PPI 282.
2. **Hide reset button**
   When the machine is frozen, press button to force the device to shut down.
3. **Camera**
   HD Camera Module
4. **TF memory card slot**
   Support Micro TF card, maximum support 256GB (please use Class 10 and above high-speed card)
5. **Check the camera head rotation switch**
   Press and hold the switch to rotate the camera head; release the switch to lock the camera head in place.
6. **On/Off button**
   Press and hold for 3 seconds to turn on/off (1) After powering on, press and hold to the shutdown interface, release to shutdown. (2) Long-press to enter the shutdown interface and the delete icon will appear. Press and hold the delete icon to shutdown. (3) After powering on, double-click on the preview image interface to turn the device's flash on or off.
7. **Signal indicator**
   (1) The red light is on when charging (2) The light is off when fully charged (3) The blue light is on when in operation.
8. **Photo button**
   (1) Short press to take a photo, long press to record a video. (1) Enter the stored image preview interface, short press to scroll. (2) Enter the photo preview, short press to scroll through, long press to exit the stored image preview.
9. **Zoom in button**
   (1) Short press to zoom in on the camera image, long press to zoom in on the camera image. (2) Enter the photo preview, short press to scroll through, long press to exit the stored image preview.
10. **Type-C interface**
    Charging and data transmission, the product automatically shuts down when charging.



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App Usage Steps

Download the "Soulear" application.

iOS: Search for and download the "Soulear" app from the App Store.
Android: Search for and download the "Soulear" app from the app store.
Optional: Scan the QR code below to download the application.

Connection steps

1. Press and hold the power button to turn on the device, then double-click to turn on the device's Wi-Fi.
2.Open the "Soulear" App, click the "Connect Device", follow the pop-up prompt and click to connect now to jump to the mobile WIFI setting interface.
3. Find "Soulear-XXXX" on the Wi-Fi settings interface and click to connect.
4. After the phone displays "Soulear-XXXX" Wi-Fi is connected, return to the App again and click "Connected" to enter the device.

How to Use Lens Accessories

The lens and lens extension cable are separated from the device by default. Please install the lens as follows.

Lens Extension Cable Usage Instructions:
Detachable 0.9x-15 Gaoxiao 1.2-inl Lens Extension Cable
(1) Insert the camera module (A) into the extension cable connector (B).
(2) Insert the extension cable connector (C) into the device body port (D).

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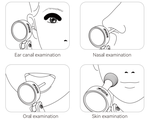
Lens Usage Instructions:
Insert the camera module (A) into the interface (D) on the device body.

Use of detection accessories

Note: If you feel any discomfort or pain during use, please stop using it.

As shown in the figure, put the accessory head into the camera sleeve and install it into place to avoid blocking the camera's view.



Note: If the image is blurry during use, there may be dust on the lens. Please use a cleaning stick to clean the dirty device lens. (Or use alcohol cloth, cotton swab, etc. to wipe the device lens)

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Mode Introduction

This device is divided into 3 modes:

Device observation mode: The device can be used directly after it is turned on, and the camera imaging effect can be viewed through the device's own LCD.

Memory card reading mode: Connect to a computer to read, write, and format the TF card.

Computer observation mode: Connect to a computer and use it through computer software, the large screen is more intuitive.

1. Equipment observation mode:

When the device is turned on, the LCD high-definition display screen will show the image captured by the camera. The camera imaging effect can be viewed through the device's own LCD. The camera brightness and image magnification can be adjusted by the user.

2. Memory card reading mode:

(1) This product has built-in storage space, which can store about 100 photos. You can only shoot videos after inserting your own memory card (the photos stored in the built-in storage cannot be read by other devices for security reasons.)
(2) If you need to increase the storage, please bring your own memory card (up to 128GB is supported).
(3) Connect the device to the computer via a USB data cable, select the memory card reading mode, and then click the OK button.

3. Computer observation mode:

Note: When using computer observation mode.
(1) Only the power button of the device can be used. It is normal that the zoom/photo button and other buttons are inoperable.
(2) In computer observation mode, the device will display a black screen, which is a normal phenomenon and not a product problem.
(3) After connection, if there is no image in the software, please repeatedly plug and unplug the USB data cable or plug the data cable into the USB port on the back of the computer host. You can view the stored photos and videos on the computer.

System Introduction

Windows system: Windows vista/XP/7/8/10/11 or higher.

Software Installation:

(1) For WIN 7/8 systems, download and install the AMCAP software.
(2) For WIN 10 systems, search directly for the software Windows Camera (Note: Please disable the default laptop camera in Windows! And you must change the privacy settings of the camera, which needs to be changed to allow access.
(3) Or download the application (Smart Camera) for your computer Download link: www.miaan.com/download/camera.zip
(4) Connect the device to the USB port of the computer with the USB data cable, long press the power button to turn on the device, and select to enter the computer observation mode.
(5) Different Windows systems recommend using different software. Please download the corresponding software according to the system situation.

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Mac OS system: Supports MacOS X 11.0 or higher.

(1) Open the software (It is recommended to use the "Photo Booth" software that comes with Apple computers.)
(2) First, in the 'Applications' directory of the Finder window, find a software called "Photo Booth".
(3) Connect the device to the USB port of the computer with the USB data cable, long press the power button to turn on the device, and select to enter the computer observation mode. Open and run "Photo Booth".
(4) Click "Photo Booth" and select the camera "HD video".
(5) You can also use other camera display software

Memory Cards and Formatting

⚠ Formatting will delete all data in the card, please operate with caution!

1.Insert memory card　　2.When you insert a new or incompatible memory card, a format prompt may appear.　　3.Press and hold the power button to confirm formatting. If you do not want to format, please remove the memory card (touch the memory card to eject).

FAQ

Q: Device not charging

A: (1) Replace the Type-C data cable with a working one.
(2) Turn on the power supply of the power supply device (e.g. extension board power supply, computer power supply).

Q: Device freezes

A: (1) Use a fine needle to press the reset hole on the host to force the device to shut down.

Q: Computer cannot connect

A: (1) Plug the data cable in tightly, replace the data cable or use the original data cable.
(2) The microscope host is not turned on.
(3) Confirm whether the memory mode is entered correctly.

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Q: Photos and videos cannot be saved

A: (1) If a memory card has been inserted, replace it with your own memory card.
(2) If no memory card has been inserted, insert your own memory card.
(3) Format the memory card (Note: formatting will delete all data on the memory card, so please make sure to back it up in time).

Q: The lens shows a blurry image

A: (1) The product has a fixed focal length. Please keep the LCD and lens clean when using it to ensure clear images.

Q: Unable to save photos or videos to your phone.

A: (1) Allow "Soulear" permission to access photos, media, and files on your device.

Q: The app crashed.

A: (1) Clear background processes on your phone and restart the app.

Q: When your phone displays "Unable to join this Wi-Fi, the network is temporarily unavailable, please try again later" & Android phone displays "Network access is full" when connecting to Wi-Fi.

A: (1) Please try turning off the device, wait 30 seconds, and then turn it back on and reconnect to Wi-Fi.

Product Parameters

Screen parameters	1.8 inches, IPS full viewing angle, PPI 282
Image Sensor	CMOS
Lens rating	High-precision lens
Focus Mode	Fixed focus, optimal working distance 1.4-2CM
Image Format	JPG
Video Format	AVI
Input Current	5V⎓1A
Li-ion Battery	3.7V, 2000mAh, 7.4Wh
PC System	Windows Vista/XP/7/8/10/11, MacOS X11.0 or higher

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FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.