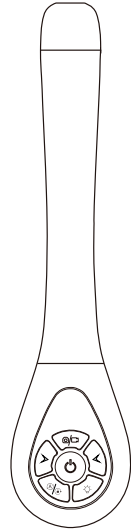


Intelligent visual endoscope



User Manual  
X-MD301

Important note:

- 1. Before the first use, it is recommended to charge the device with a 5V/1A charger for at least 1 hour before turning it on.
- 2. When connecting to the APP, you will be prompted to obtain the permission. It is recommended that the user allow the permission, otherwise the video and photos cannot be stored correctly, and your private information will not be read. Please use it with confidence.
- 3. It cannot be used on both the mobile phone and PC at the same time.
- 4. Do not connect to your home WIFI or personal data network during use, otherwise image transmission will fail.
- 5. The WIFI connection is only applicable to tablets and tablet computers, and the computer cannot be used. If you need to use it on the PC side, please connect through a USB data cable and install the software correctly.
- 6. It is recommended to close the same type of APP during use to avoid interference.
- 7. Do not disassemble the product, otherwise it will cause the product to be used abnormally.

product description:

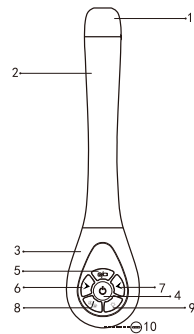
This product is a smart visual endoscope equipped with a WIFI hotspot. It not only supports wireless device connection, but also supports USB connection to a computer. It can store pictures and videos in real time through APP or computer software, and can also adjust the lens according to the actual situation. Depth of field, to meet the different needs of customers.

Standard accessory:

- 1. Intelligent visual endoscope host 1 set
- 2. One TYPE-C data cable
- 3. A manual

Part names and button functions:

- 1. LED transparent cover
- 2. External cylinder
- 3. The handle
- 4. Power button
- 5. Photo/Video button
- 6. Far focus adjustment button
- 7. Near focus adjustment button
- 8. Freeze frame/auto focus button
- 9. LED adjustment button
- 10. Charging/data transmission interface



Function introduction:

**Power button:** Long press to power on or long press to power on; after the data cable is connected to the PC, short press twice to switch the PC mode.

**Photo/video button:** short press to take a photo; long press to start video recording, short press again to stop recording and save automatically.

**Far focus adjustment button:** According to the needs of use, the image can be seen farther away.

**Close focus adjustment button:** According to the needs of use, the image can be seen closer.

**Screen freeze/auto focus button:** short press the screen to freeze, short press again to resume, long press to perform image auto focus.

**LED button:** short press to adjust the LED brightness step by step, and long press to directly adjust to the highest brightness.

Quick User Guide:

WIFI mode:

- 1. Scan the QR code to download the APP
- 2. Press and hold the power button to turn on the product (the blue light flashes slowly after turning on)
- 3. Follow the prompts to connect to the product WIFI (the blue light is always on after the connection is successful)

4.APP Functional Interface

- horizontal mode    Power display    Far focus adjustment    LED adjustment
- normal mode    the mirror    near focus adjustment    photo album
- split screen mode    Zoom in/out    automatic focus    photo/video



PC Mode:

Usage:

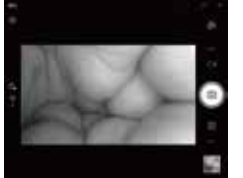
Connect the data cable to the device and the PC terminal. After the product is turned on, press the power button twice continuously to switch to PC mode automatically. At this time, the green light is always on. Double-click the power button again to automatically switch to WIFI mode.

Notice:

When working in PC mode, the screen freeze, photo/video button functions are not available. WIFI mode switching PC mode connection is successful, the green light is always on, after the data cable is disconnected, it will automatically switch to WIFI mode.

Windows :

Open the system's built-in camera program:  
If there are multiple cameras, just click the upper right corner to switch, as shown in the following figure.



Mac OS:

In the Applications directory of a Finder window, find an app called Photo Booth.



Insert the USB data cable into the computer USB port, connect and turn on the device, double-click the power button to switch the device to PC mode, and click Photo Booth to use it normally.

Charge:

- 1. Please use a 5V/1A power adapter to charge the device. When the battery is charging, the indicator light of the handle is in the red breathing light state. After the battery is fully charged, the green light is always on. The whole charging process takes about 3 hours.
- 2. The product can be used continuously for more than 4.5 hours after fully charging.
- 3. When the battery power is low, the red LED light on the handle will flash, and the image transmission quality will deteriorate. At this point, you must connect the power adapter and plug it in to charge the battery, and do not use the device while it is charging.
- 4. If it is not used for a long time, please charge the device regularly to avoid self-protection of the battery.

Product Specifications	
product name	Intelligent Visual Endoscope
product model	X-MD301
pixel	2MP
depth of field	0-∞
working temperature	5°C-50°C
focus mode	Manual focus or auto focus
resolution ratio	1920*1080
Network Standard	IEEE 802.11b/g/n
Working Frequency	2.4Ghz
Gyro	Orientation Gyroscope
Battery	3.7V/1500mAh
working hours	≥4 hours
Charging time:	3 hours - 5V/1A

Points to note:

- 1. The front end of the product is waterproof, but the handle is not waterproof. Please be careful not to put the handle in water or a wet place.
- 2. The brightness of the LED light is high, please do not look directly at the LED light.
- 3. When the power is low, the WIFI connection may be abnormal, and it needs to be charged as soon as possible.
- 4. Do not disassemble the product or component structure by yourself, so as not to cause abnormal use of the equipment.
- 5. The right to interpret any matters in this manual belongs to the company.

Troubleshooting

Problem points and basic solutions:

Stuck and no response: The battery is fully charged and then used.

Product crash: Press the camera button and then press the power button, the device will be forced to shut down.v

The camera image is blurry: adjust the near focus or far focus button, and clean the lens lens.

If the product is connected successfully, no picture will appear: shut down and restart the device, close the APP and reopen it.

After WIFI is connected, the image is stuck: the device is turned off and restarted, and the APP is closed and reopened.

no image:

- 1. Restart the machine and connect the device.
- 2. Whether the battery has low battery alarm.
- 3. Whether the APP permission is turned on.

If you do not solve the problem in the use of the product according to the above tips, please contact customer service, we will further provide you with practical solutions

THANKS

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