



Industrial Endoscope

Manual

Version 1.1

Please read this manual carefully before use!

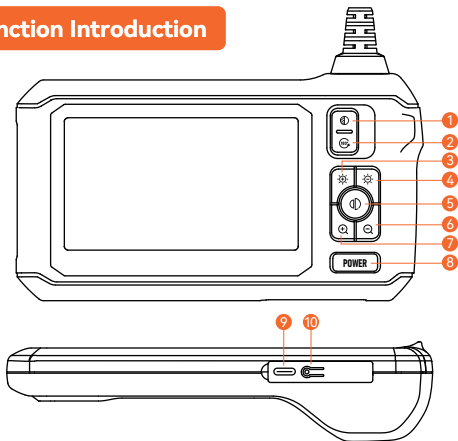
Safety and Maintenance

- The product is an industrial endoscopy camera and is not intended for medical use or human examination.
- Do not hit the camera violently and do not pull the cable.
- When used in an environment with sharp bumps, please use it carefully to prevent the waterproof protective layer of the probe from being scratched.
- The camera probe is not made of heat-resistant and high-temperature materials. When checking the automobile engine, please ensure that the temperature in the engine drops to the normal temperature.
- When not in use, please ensure that the lens and the main unit are clean and dry, and avoid contact with oil, etc. or other corrosive and dangerous substances.
- This product is not suitable for people with limited physical, sensory or mental abilities.
- Do not allow children to touch and operate this equipment.

Battery Instructions

- Please use a (5V $\pm$ 1A) household charger that meets the safety regulations to charge the equipment. Fast charging is not supported.
- This device supports charging while using.
- If the device is not used for a long time, please ensure that it is charged at least once every 3 months to prevent irreparable damage caused by excessive discharge of the battery.

Function Introduction



1 Color/Black and white

With it you can switch between black and white

2 To rotate/Switch camera

The picture is rotated 180 degrees
If it is dual lens: long press to switch front/side lens

3 LED adjustment “+”

The brightness of the LED light can be gradually increased from 0-60-80-100%

4 LED adjustment “-”

The brightness of the LED light gradually decreases from 100-80-60-0%

5 Compared

Adjusted by adjusting the positive-rising-weak cycle

6 Zoom out

After the picture is enlarged, it can be adjusted to return to normal 2.0-1.5-1.0x gradually decreasing

7 Zoom in

Image magnification 1.0-1.5-2.0x incrementally

8 Power button

Press and hold for 3 seconds to turn on and off the power of the machine

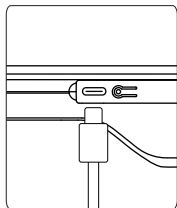
9 Charging interface

Connect to a computer or mobile phone adapter through a Type-C data cable for charging, and be careful not to use an adapter above 12V

10 Reset

If the machine freezes or freezes, you can reset it back to normal

Charging Guide



1. Connect the device to the Type-C adapter for charging(5V $\approx$ 1A). The product does not support fast charging.

2. During in charging, the red LED indicator light on for a long time.

3. When the device is fully charged, the green LED indicator light will remain solid.

(Use the Type-C charging cable to charge the device)

FAQ

1. Lags happened during the photo outputting of the product

Please check whether the product has sufficient power, or restart the device.

2. Imaging screen is not clear

The best imaging focal length of the product is: 2cm-10cm, please calibrate the distance to the object, or clean the front of the camera with a clean alcohol cloth.

3. Product charging

Please use (5V $\approx$ 1A) charger to charge the device. The product does not support fast charging.

4. The camera is heat

It is normal for the camera to heat up, especially when the camera LED light is on at the highest brightness. But it does not affect normal use or service life.

Accessories installation Guide

Accessories

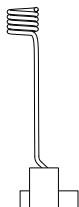
Hook(1), Magnet(1), Mirror(1), Fixing device(3)



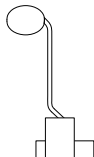
Fixing device(3)



Hook

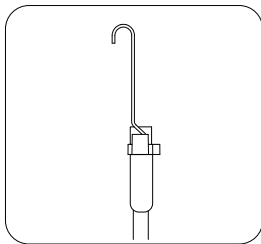


Magnet

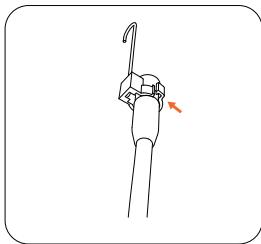


Mirror

Installation diagram



2



3

Specifications

Product name: Industrial endoscope
Screen size: 4.3 inches
Sensor: CMOS
Lumen: 24lm
Focal length range: 2-10cm
Waterproof grade: IP67
Charging: 5V/1A
Field of view: 70 degrees
Camera temperature: 33.8°F-176°F
Working temperature: 33.8°F-113°F
Charging time: 3 hours
Battery life: 3 hours
Charging interface: TYPE-C
Resolution: 1920*1080