IPS Handheld
Digital Endoscope

User manual

English

Welcome to buy this product. Please read the instructions carefully before use.

This product is a new type of practical equipment that can monitor, record, store and analyze targets. It is widely used in aviation, automobile, shipbuilding, electrical, chemical, electric power, natural gas, atomic energy, civil engineering and construction fields. It is mainly used in car repair, sewer inspection/maintenance, air-conditioning inspection and maintenance etc.

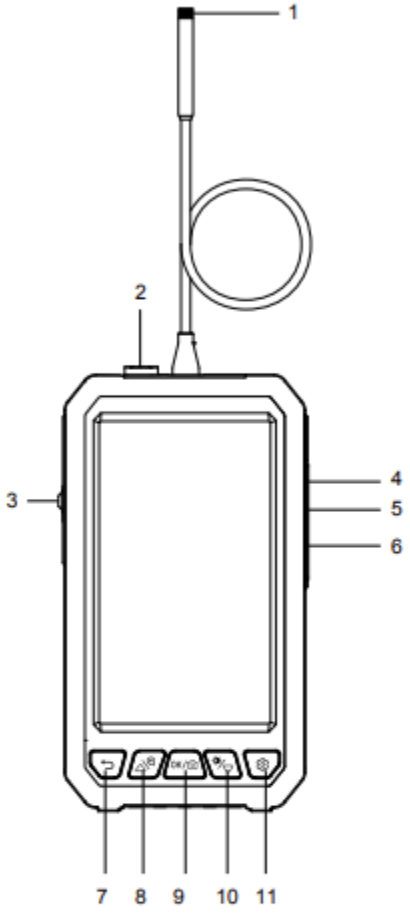
Features:

① 5-inch color high-definition IPS screen
② 1080P HD image
③ TF card can be installed to realize file storage function. Maximum support 32GB
④ 8mm HD camera
⑤ Clear field of view range from 3cm to 8cm
⑥ Type-c socket for easy replacement of different lenses
⑦ 6 adjustable LED lights
⑧ IP67 waterproof

Attachment list:

① IPS digital endoscope*1
② Manual*1
③ USB data cable*1
④ Accessories-hook/magnet/protective cap

Part name/function:



① Camera
② Lock the lens buckle
③ Power switch
④ Charging port
⑤ Reset button
⑥ TF card slot
⑦ Back/Album
⑧ Up/Zoom in/Zoom out
⑨ OK button/photograph/video
⑩ Down/LED adjustment
⑪ Set/Long press to switch dual camera

Features:

① Camera: Type-C interface, be careful not to bend more than 90 degrees when using it.

② Positioning button: Use proper force to move the positioning button to the left to replace the camera.

③ Switch: Turn up the switch to turn it on and turn it off. If the machine crashes, Please press the reset button on the right side of the device

④ MICRO interface: connect the data cable to the computer and other devices for data transmission (TF must be in the device) when charging, it is recommended to use a 5V/1A adapter (the voltage cannot be higher than 12V)

⑤ Reset button:If the machine freezes or has a black screen, press the reset button

⑥ TF card slot: Note that the TF card inserted is a class10 high-speed/FAT32 card, and pay attention to the direction of insertion. If the card does not turn on, please replace the TF card immediately. If you can't take a photo, format it lightly.

⑦ Return and picture management: Tap on the video interface to enter the picture management, other interfaces are the return function.

⑧ Move up and zoom in: Tap the video interface to zoom in. Other interfaces are all up loop functions.

⑨ Take photo and record and confirm: Short press to take photo on the video interface, long press for 3s to record. All other interfaces are confirmation buttons.

⑩ Move down and adjust the brightness of the LED light: Tap the video interface to adjust the brightness of the LED light. The other interface is the next cycle function.

⑪ Settings: Tap to enter the menu management interface. If you buy a product with dual lens, long press to switch the side len.

Operating procedures:

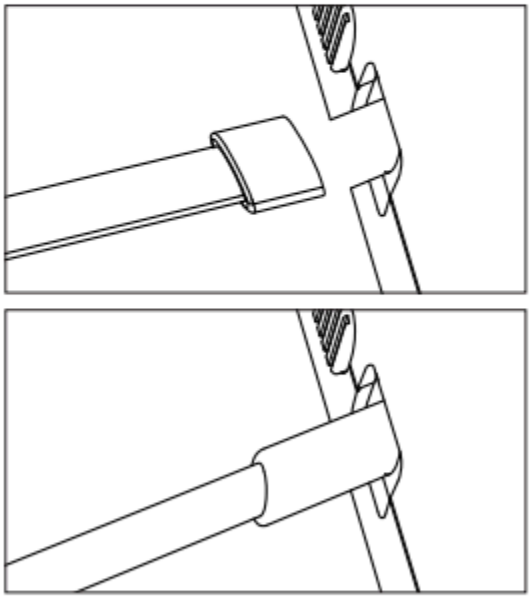
（1）Charging

Fully charge the product before using the device. The charger is recommended to use a 5V1A charger, which should not exceed 12V

When charging,The charging icon shows full status
Charging time is 2-3H

（2）Connect the camera

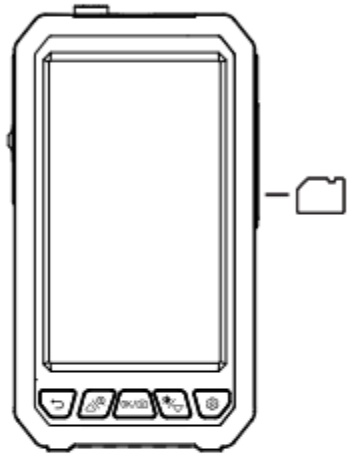
Insert the Type-C interface of the camera cable into the display. If you need to change the camera, press the buckle and move it to the left to pull out the camera



（3）Device use

After confirming that the camera and the host are successfully connected, turn the power button to turn on and enter the video interface (if you need to take pictures and video, please insert the memory card)

Memory card: Insert the memory card slot and press gently until the card is locked (Note: You must insert a memory card above Class 10 to record and store pictures and videos)



（4）Accessory use

How to install accessories?
Magnet/hook/protective cap





Magnet　　Hook up　　Protective cap

Technical parameters:

Product name	Industrial endoscope
Monitor	5.0 inch IPS
Photo resolution	1920*1080P
Horizontal perspective	70°
Language	English, German, Chinese, Spanish French, Russian, Japanese,Italian
Line length	1m/5m/10/15m optional
Clear view range	3cm-8cm
Waterproof level	IP67
Lens diameter	8mm
Battery capacity	2000 mAh
Battery duration	About 3H

Troubleshooting:

Problems	Solutions
The device is not working	Charge for about 2.5H when the battery is low, restart
TF card reading failed	1. The card format is incorrect? (Support FAT32 file format) 2. Re-insert after removing the TF card
After the device is connected to the PC Cannot read TF card	1. Reconnect the device and PC 2. Whether to enter the mass storage mode
Device crash	First plug in the USB data cable to charge, then press the power button to reset
Can't charge or recharge Light does not shine	Please replace the charging data cable

FCC information:

This device complies with part 15 of the FCC rules
Meet the following two conditions:

1. This device will not cause harmful interference.
2. This device must accept any interference that it will receive, including interference that may cause unexpected operation. Changes or modifications expressly approved by the party responsible for compliance may invalidate the user's right to operate the device.

EU environmental protection:

1. Electrical appliances should not be disposed of with furniture waste
2. Please consult the local government or retailer for recycling suggestions
3. If there are any minor changes to the number in the user manual, we will not notify you

