


# Operation Instructions for the Display


## - Description of the Appearance



1	Display
2	<p>Knob screen: used to fix the thermal imager. Align the mounted hole of the thermal imager at the knob screw and tighten the screw.</p>  <p>① Turn it left to loosen the screw ② Turn it right to tighten the screw</p>
3	Video receiver: to be connected to the video output interface of the thermal imager
4	Fastening screw of the battery compartment
5	Battery compartment
6	Handle
7	Function button of the display
8	Power switch of the display

**Prompt:** When the power switch of the display pops up, it means disconnection with power.

## **- Methods for using the display**

1. To facilitate operation, install the thermal imager at the upper part of the handle.
2. Connect the video receiver to the video output interface of the thermal imager.
3. Turn the thermal imager earlier. Long press the “ ” button to switch the image to the display (After the image is switched to the display, the internal screen of the thermal imager will display images).
4. Press the power switch of the display (located on the handle), and the display will display the infrared image.  
Prompt: If the power supply only is connected for the display, but if there is no video input, the screen will not be lit.

## **- Display brightness control**

Press the “MENU” button, and the screen will display the indicator bar. Press the “+” button to control up the brightness, and press the “ - ” button to control down the brightness.

## - Charging

When the power is low, please charge the battery in a timely manner so as not to affect the operation of it.

1. Open the screw of the battery cover and take out the battery.

2. Use the original charger from the original manufacturer to charge the battery. 2 pieces of batteries can be charged simultaneously. Properly mount the battery according to the polarity instruction on the charger.



① Anode contact

② Cathode contact

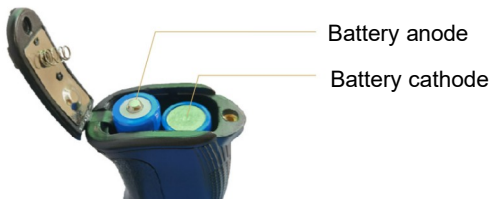
③ Battery anode

④ Battery cathode

3. When the power is not fully charged, the charger's red indicator is on, and when the power is full, its green indicator is on.

4. After the end of battery charging, mount the battery once again on the handle. Note the polarity, and it may not be mounted wrongly.

5. Tighten the screw of the battery compartment.



#### **- Function parameters of the display**

Category: digital high definition liquid crystal display  
Display size: 5-inch

Display scale: 6:9

Power: < 3W

Video input: AV1

Contrast: 350:1


Pixel: 800\*480

Power supply: 2 pieces of 18650 lithium batteries

Operating environment: 0-45°C

Operating humidity: 10%RH-90%RH

## - Failure Analysis

Failures	Failure cause	Solution
The display has no image	Failed to switch the image to the display	Long press the “  ” button to switch the image to the display
	Failed to connect power supply for the display	Press the power switch on the handle to connect power supply
	Power is low	Take out the battery from the handle, and use it after it is fully charged.

## - Safety and Maintenance

1. Please keep the battery away from open fire or high temperature heat source.
2. When the storage temperature is higher than 50 °C, please take out the battery.
3. Do not charge in flammable, explosive and corrosive environments.
4. Please replace the battery when the battery case is broken, leaking or bulging.
5. When the display is not used, please cut off power supply or take out the battery to avoid running out of power.
6. When the battery is fully charged, please remove the battery from the stand charger. When not charging,

please cut off the power supply of the charger.

7. If the display lies idle for long, please take out the battery, place it in a dry and cool environment after full charging, and charge the battery every 3 months so as to avoid long storage time and irreversible capacity loss caused by low power due to self discharge of battery.