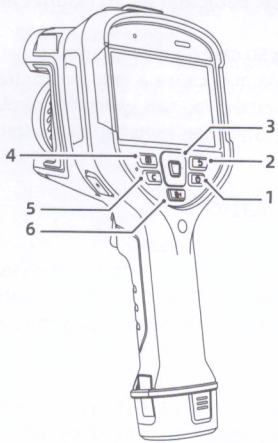


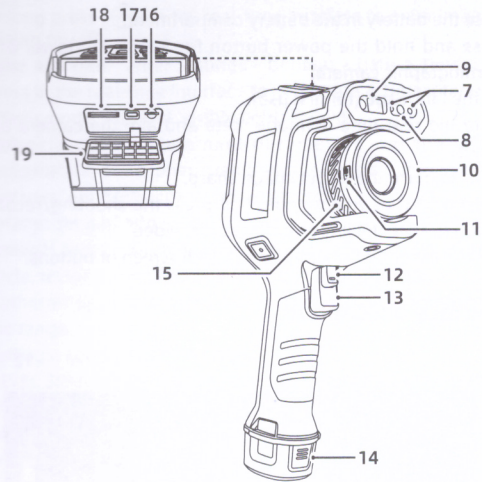
► About the Product

Specially designed for professional users in the infrared thermometry industry, this product is equipped with infrared detectors with high sensitivity and higher resolution for clearer infrared images and a higher temperature measurement accuracy. Supplemented by the Android operating system, a large-screen display and a rotatable lens structure, it is easy to use and powerful. It can also collect visible and infrared images simultaneously and display key observation points by PIP or MIF. In addition, based on open APPs for Android, this product can be extended to a multi-purpose mobile thermal imaging application platform.

► Introduction to Product Parts



- 1 Power
- 2 Back
- 3 Five-way
- 4 Library
- 5 Auxiliary
- 6 Laser



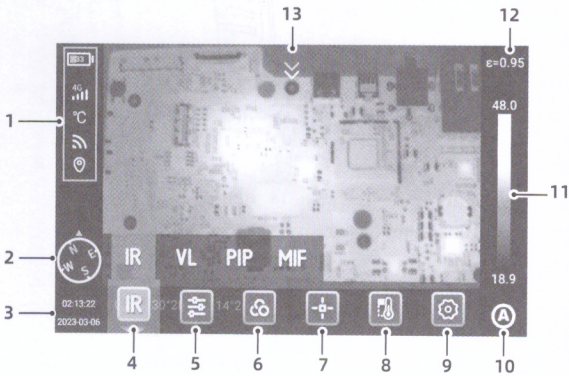
- 7 Light
- 8 Visible Light Camera
- 9 Laser
- 10 Infrared camera
- 11 Change lens
- 12 Focus
- 13 Photo
- 14 Battery
- 15 Focus ring
- 16 SIM card slot
- 17 Type-C interface
- 18 SD card slot
- 19 Silica cover

► Quick Operation Instructions

I. Operation steps

1. Place the battery in the battery compartment.
2. Press and hold the power button for 2 - 3 s to power on the thermographic camera.
3. Set the language (for first use).
4. Go to the real-time IR image state and aim the camera at the target.
5. Focus to make the target image sharp.
6. Select a shot or video mode, and press the shooting/recording button to save the image or record the video.
7. Perform other operations via the touch screen or buttons.

II. Interface description



1. Status bar: battery capacity, WiFi, 4G network (support some models), location.
2. Compass information: enter Settings - turn on/off in Image Tags, or long press [📍] in the real-time interface to enter Image Tags to turn on/off.
3. Time and date: enter Settings - General - Date & Time, or long press in the real-time interface to enter Date & Time interface.
4. Image mode: infrared, visible light, MIF, PIP.
5. Temperature measurement parameters: set the reflected temperature, atmospheric temperature, relative humidity, target distance, atmospheric transmissivity, etc.
6. Palette: set and add custom colors.
7. Analysis target: set the analysis target, such as the point, line, circle, rectangle, outline and temperature difference.
8. Isotherm: upper isotherm, lower isotherm and isotherm within the range.
9. Settings: conduct system settings.
10. LEVEL SPAN mode: switch between automatic, semi-automatic and manual modes through the buttons or touch screen.
11. Switch the basic colors and custom colors in real time.
12. Emissivity: set the emissivity based on the target.
13. Shortcut menu: slide down the touch screen in the main preview interface to enter the Shortcut menu.

III. Considerations

1. Avoid direct sunlight on the object to be observed.
2. Do not directly expose the device to high-intensity thermal radiation sources, such as the sun, lasers and spot welders.
3. During the observation, make sure the target is clear; otherwise, you may get wrong measurement results.
4. Proper analysis of IR images requires technical knowledge of the application.

Guide for Common Faults and Troubleshooting

Phenomenon	Causes	Measures
Unable to power on the device	Insufficient SOC of the battery	Use the battery after recharging
	Bad contact of the battery	Remove the battery, put it back in the battery compartment and install it in place
	The plug of the external power supply is not inserted properly	Unplug the power plug, plug it back in and push it into place
A large deviation between the SOC indication and the actual SOC of the battery	The battery runs out	Replace with a fully charged battery
	The battery life is exhausted	Replace with new battery
Unsharp IR images	No focus	Set MF or AF for sharper images
	The lens is covered with water vapor or contaminated	Clean the lens with special tools
Unsharp VL images	The environment light is too dim	Take appropriate lighting measures
	Water vapor or contamination on the VL front end	Clean the VL front end with special tools
Inaccurate temperature measuring	The lens does not focus on the target	Set MF or AF for sharper images before reading the temperature
	Incorrect setting of temperature measuring parameters	Change parameter settings, or directly reset
	Lack of non-uniformity correction for a long time	Set the custom button as calibration in the menu, press the physical custom button (with the shutter sound heard) to perform non-uniformity correction.
	Temperature measuring immediately upon power on	To ensure the temperature measuring accuracy, we recommend that you turn on the thermographic camera and wait for 5 - 10 minutes before starting the temperature measurement.
	No calibration for a long time	To get accurate temperature measuring results, we recommend that you send the device back for calibration once a year.

重要說明

本指南為一個系列產品的通用指南，這意味著您收到的特定型錄產品可能與指南圖片存在差異，請以收到實物為準。

本使用者指南是為方便使用者使用和瞭解本公司產品而整理，我們將盡最大的努力確保本指南內容的準確性，但仍不能確保本指南內容的完備性，因為我們的產品一直在持續的更新和升級，本公司保留隨時修改而不另行通知的權利。

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

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.

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