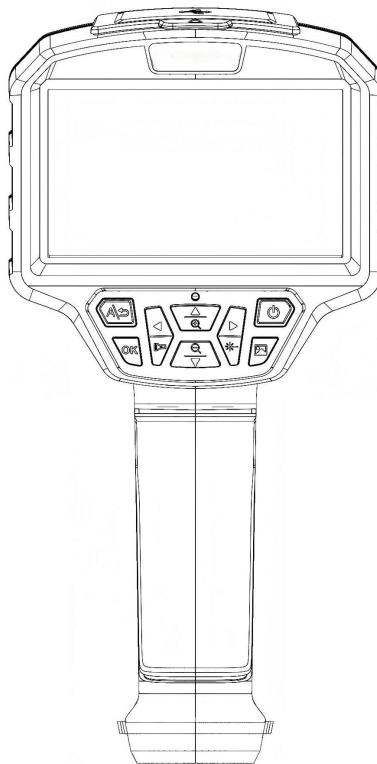




Handheld Temperature Thermal Imager

VOT-PTM640C

User Manual V 0.1



Vital Optics Technology Co., Ltd.

www.votinfrared.com

PREFACE

This section is aim to ensure users properly operate the product for preventing operational hazards or property damage according to this manual. Before using this product, please carefully read the user manual and keep it properly for future reference.

● Summary

This manual is for handheld temperature thermal imager.

● Symbolic Convention

The symbols in the document are explained as follows.

SYMBOL	DISCRIPTION
 说明	It indicates supplements and explains to the main text
 注意	It indicates important actions or potential risks to users for preventing injury and property loss.
 危险	It indicates a potential high risk that may occur if not avoided

● NOTES

During operation, all national and local electrical safety regulations must be strictly followed.

Please contact the service center where you purchased if the device malfunctions. Do not disassemble or modify the device in any way. (The company shall not be liable for any issues by unauthorized modifications or repairs.)

Do not use in high, low, or humid environments. Refer to the parameter table of the device for specific temperature and humidity requirements.

Do not direct the device's detector toward intense light sources like the sun or other

high-temperature objects, as this may damage the detector.

Do not place the device in environments with corrosive gases, as they may cause damage.

Avoid placing the device in direct sunlight, in poorly ventilated areas, or near heat sources such as heaters or radiators (neglecting this may lead to fire hazards).

Please keep all original packaging materials of the device in good condition. It will use in repackaging and returning the device to the manufacturer for after-sales service in case of any issues. We shall not be liable for accidental damage to the device during transportation caused by non-original packaging materials.

CONTENTS

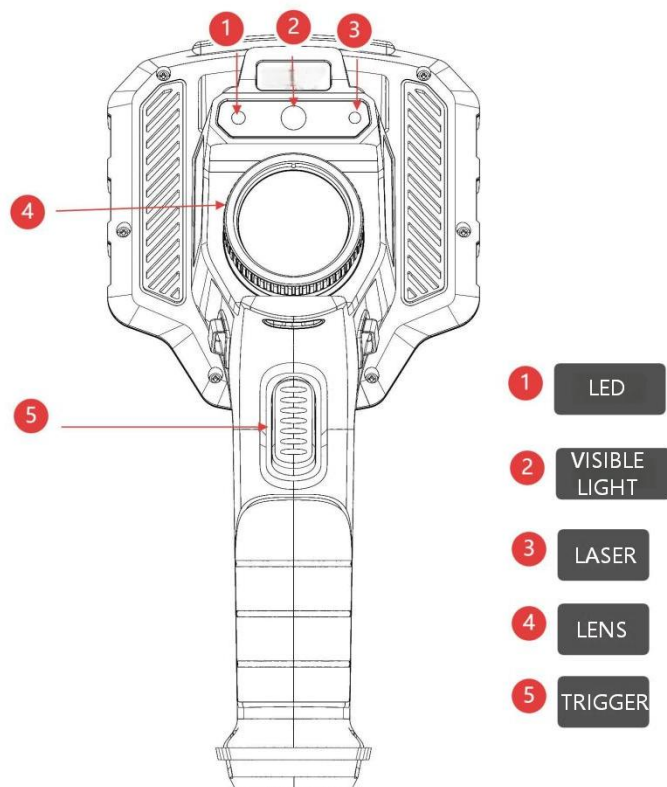
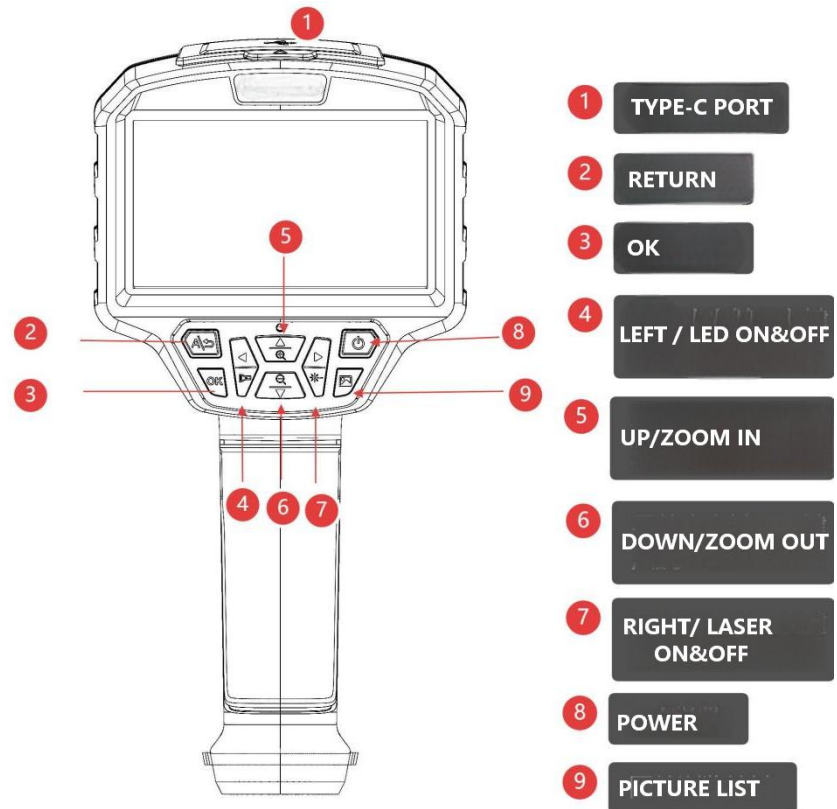
Chapter 1: Technical Parameter	1
Chapter 2 Operation Panel	3
Chapter 3 Menu Description	4
3.1、 Main Menu	4
3.2、 System setting	5
3.2、 Palette	19
3.3、 Image adjustment	19
3.4、 Temperature Measurement Analysis	21
3.5、 Image mode	29
3.6、 Image Browsing	31
3.7、 Temperature measurement settings	32
3.7.1 Global parameter setting	32
3.7.2 Point parameter setting	37
3.7.3 Line parameter setting	40
3.7.4 Area parameter setting	42
3.7.5 Isothermal parameter setting	44
3.7.6 Alarm parameter setting	46

Chapter 1: Technical Parameter

IR	
Detector type	Vanadium Oxide Non-cooled Infrared Focal Plane Detector
Resolution	640×512
Pixel pitch	12μm
Frame rate	25Hz
Spectral Range	8 ~ 14μm (LWIR)
NETD	≤40mK (@F/1.0, 25℃)
Temperature measurement	
Measurement range	-20℃~+150℃ (standard) +150℃~+600℃ (optional) +550℃~+1600℃ (optional)
Measurement accuracy	Max. (±2 °C, ±2%)
Analysis tools	Spots, Line, Area, Isothermal analysis, Temperature alarm
Temperature capture	Emissivity, Reflected temperature, Target distance, Humidity, Atmospheric temperature
Parameter settings	Parameter settings
Visible	
Digital camera	2MP
Lens	
Focal length	36mm、18mm、9.2mm
FOV	12° Lens: 12.2°x9.8° (36mm) 24° Lens: 24°x19.4° (18mm) 48° Lens: 48.2°x38.4°(9.2mm)
Focusing	Manual
Display	
Display screen	4.3 inch, TFT
Image adjustment	

Image mode	Infrared image, visible light image, PIP, dual-spectrum fusion
Color palettes	Black hot, white hot, iron red, Rainbow, red hot, etc.
Digital zoom	x1~x4 (0.1 step)
Image processing	Non-uniformity correction, digital filter noise reduction, Digital detail enhancement, etc.
Power	
Power supply	5V DC
Charging method	USB Type C
Operating time	≥6 hours
Port	
External port	USB Type C
Tripod Port	UNC 1/4-20 interface for tripod
System function	
Laser indicator	Support
Headlamp	Support
Buzzer	Support
Image storage	
Storage capacity	Built-in(128GB)
Storage format	JPG
Physical characteristics	
Weight	≤700g
Dimensions	246 x 121 x 141mm
Encapsulation	IP54
Environmental parameters	
Operating temperature	-10℃ ~ 50℃
Storage temperature	-20℃ ~ +60℃
Operating humidity	5 ~ 95%, no condensation

Chapter 2 Operation Panel



Chapter 3 Menu Description



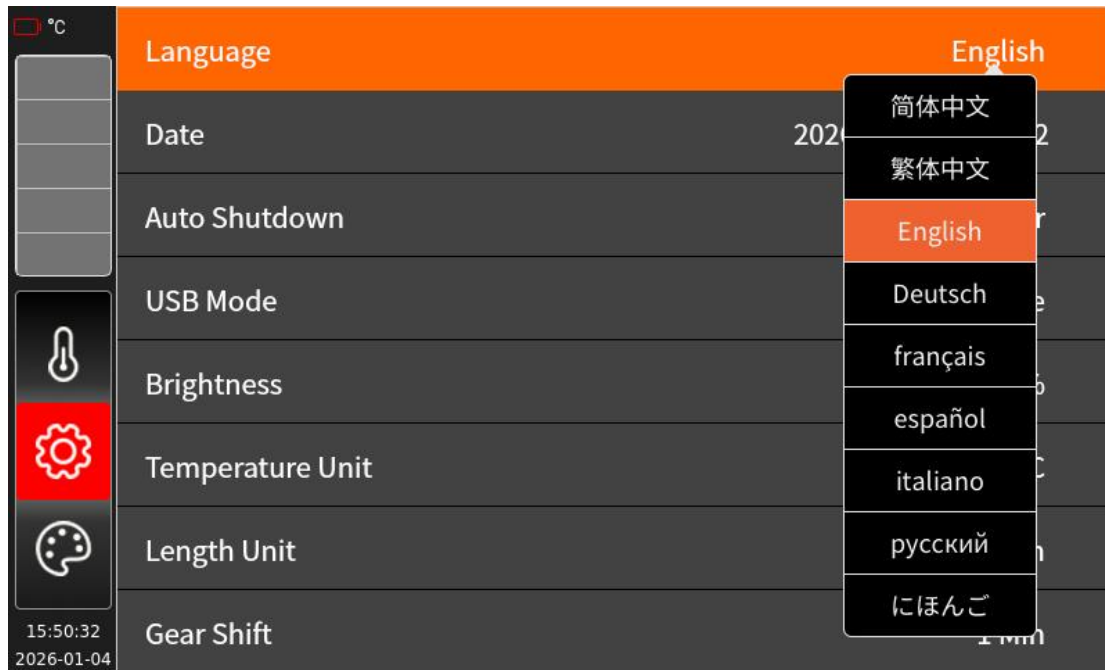
NOTE:

- Long press the power button for about 2 seconds to power on the device.
- Exit the interface by pressing the return key.

3.1、 Main Menu

Click OK button to open menu interface when the device is power on. At this time, you can click UP or DOWN button to select the menu item.

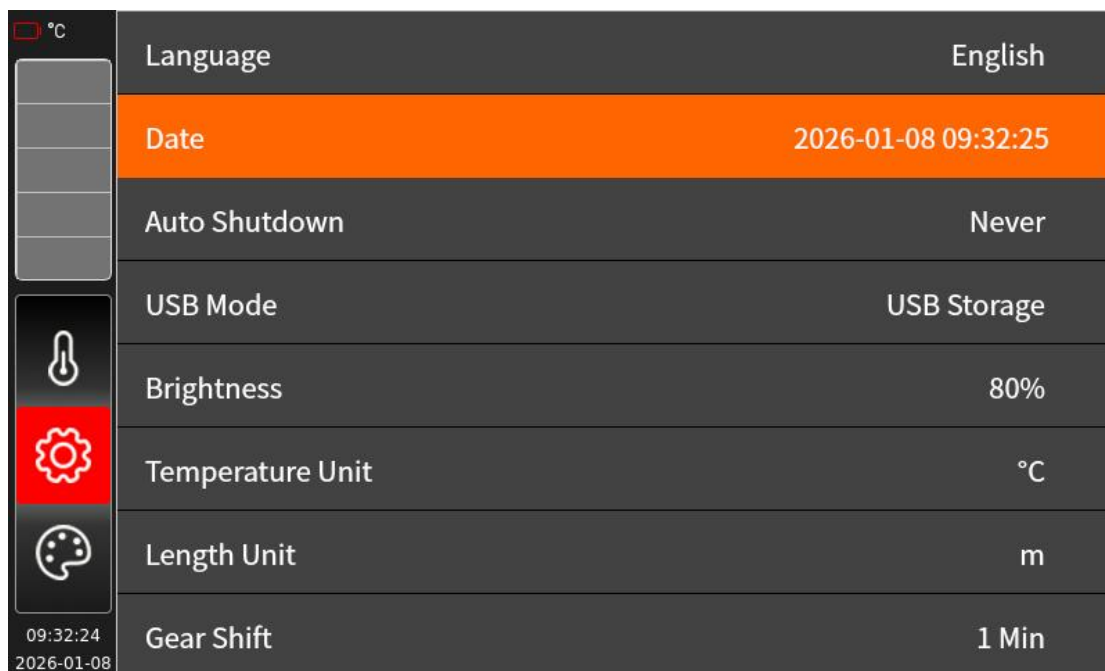




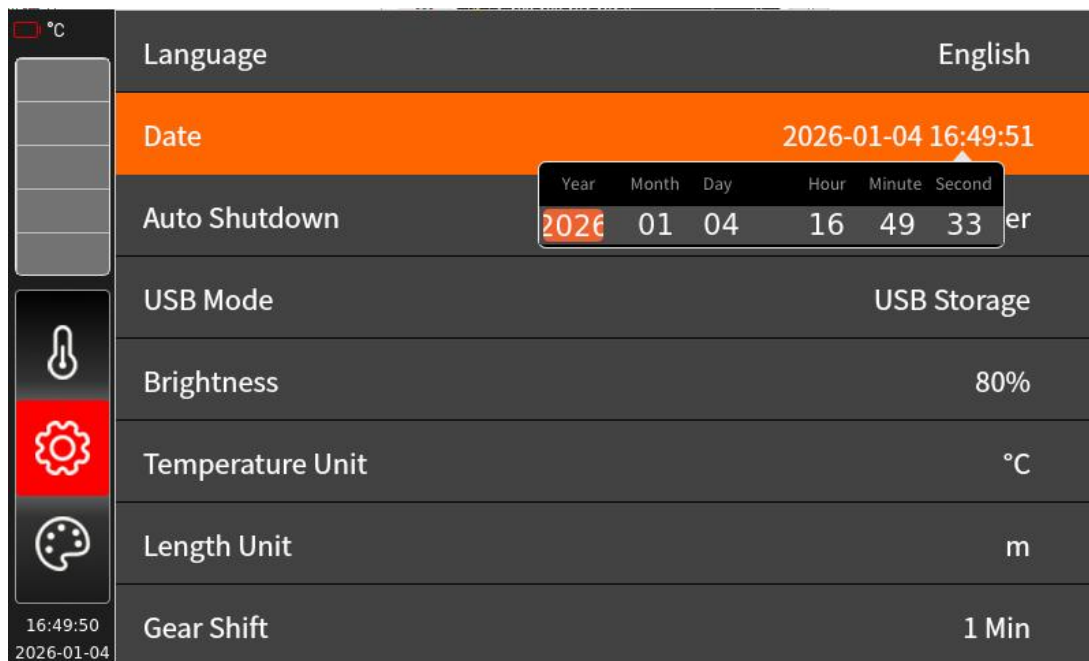
Use up and down button to select a language. Press OK to switch successfully.

(2) Date

When you select the date bar, the time displayed on the right is the current time. It is shown as follows:



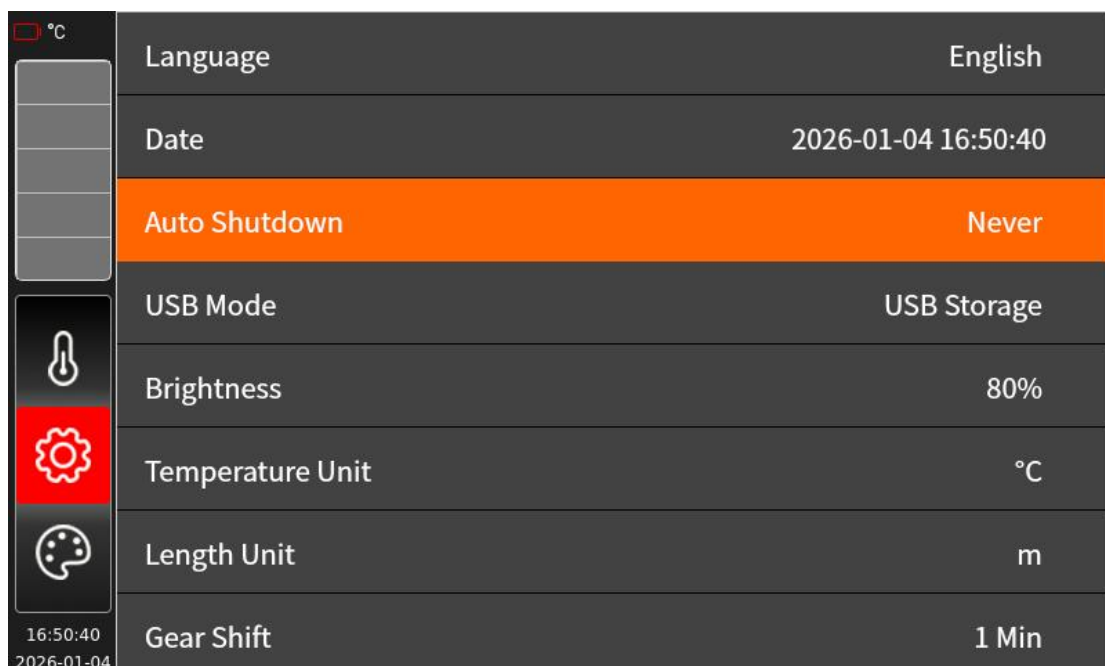
Press OK button to enter the date settings. The interface is shown as follows:



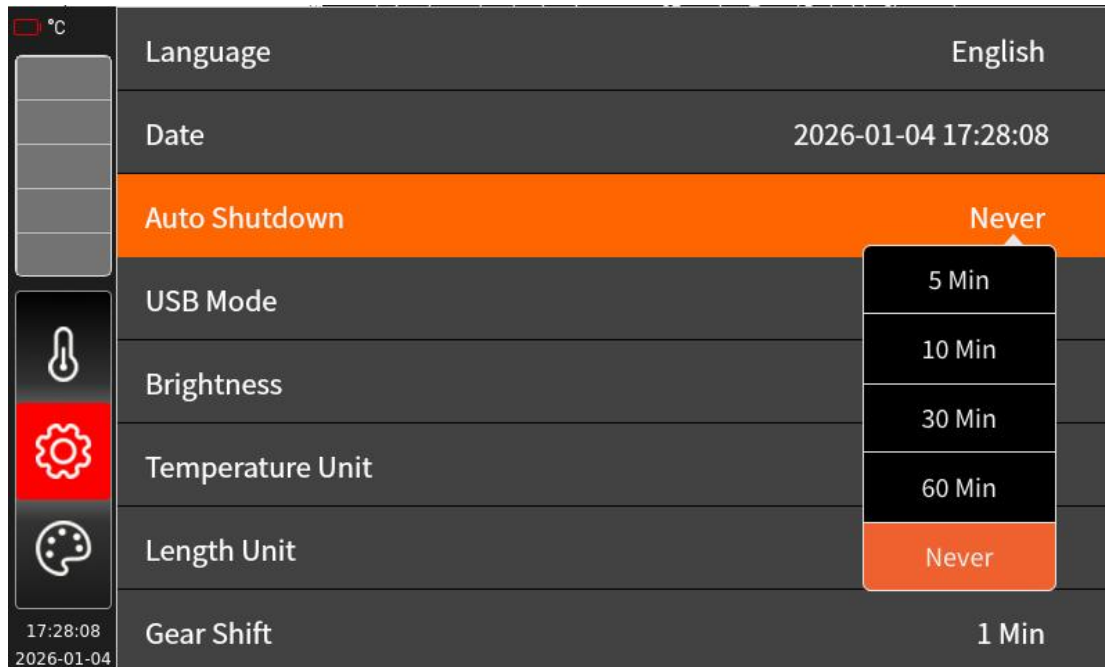
Use the navigation keys to select years, months, days, hours, minutes, or seconds. If set a year, select the corresponding number below the year field, then adjust the year by pressing the up/down button. After finish setting the year, press the left/right button to select the next setting. Once all settings are completed, press the OK button to confirm. Then the new system time will take effect.

(3) Automatic shutdown setting

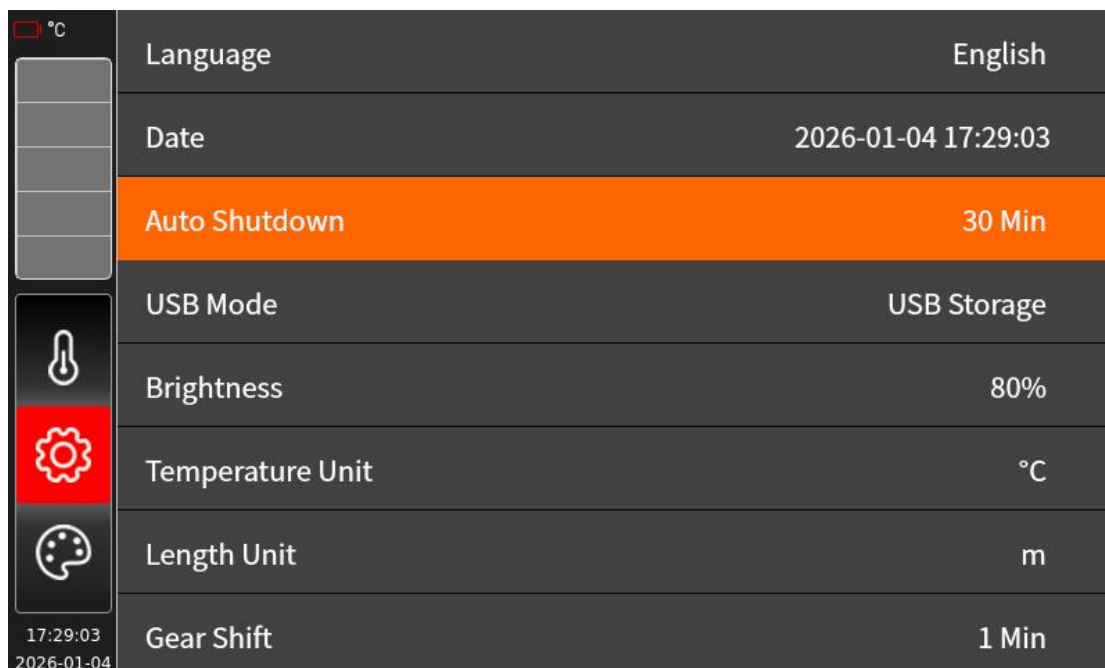
Select the “auto shutdown” option by using the up/down button. It is shown as below:



Its default setting is Never, which means the device will not shutdown unless the battery is completely drained. Select the "Auto Shutdown" option and press OK button to display the following settings:



Select the "Auto Shutdown" by using the up/down button, then press OK button to confirm. If you select 30 minute, the following will appear as below after confirmation:



(4) USB mode

Select the "USB Mode" option by using the up/down button. It is shown as below:

°C	Language	English
	Date	2026-01-04 17:29:48
	Auto Shutdown	Never
	USB Mode	USB Storage
	Brightness	80%
	Temperature Unit	°C
	Length Unit	m
17:29:48 2026-01-04	Gear Shift	1 Min

The default setting is “USB Storage”, which means the device can connect to Windows by Type-C port. The device can be recognized and used by a standard USB drive (similar to a USB flash drive for read and write).

If you select the “USB Camera” mode, the device is recognized as a USB camera in Windows system. Then you can load the camera by relevant software tools. If the device displays infrared video on LCD, the USB output will be an infrared video stream. If the device displays visible video on LCD, the USB output will be a visible light video stream.

°C	Language	English
	Date	2026-01-04 17:34:48
	Auto Shutdown	Never
	USB Mode	USB Storage
	Brightness	USB Camera USB Storage
	Temperature Unit	°C
	Length Unit	m
17:34:49 2026-01-04	Gear Shift	1 Min

(5) Brightness

Select the “Brightness” option by using the up/down button. It is shown as below:

°C	Language	English
	Date	2026-01-04 17:35:42
	Auto Shutdown	Never
	USB Mode	USB Storage
	Brightness	80%
	Temperature Unit	°C
	Length Unit	m
17:35:42 2026-01-04	Gear Shift	1 Min

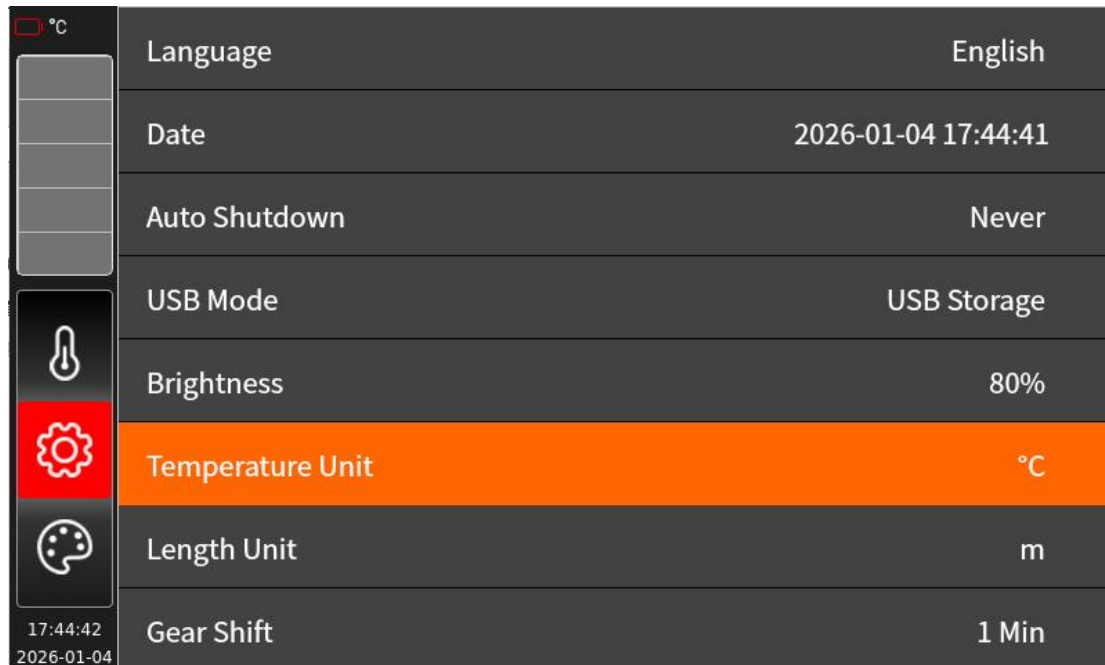
Press the OK button to display the selectable LCD screen brightness options. It is shown as below:

°C	Language	0%
	Date	2026-01-04 17:36:24
	Auto Shutdown	20%
	USB Mode	40%
	USB Mode	60%
	Brightness	80%
	Brightness	100%
	Temperature Unit	°C
	Length Unit	m
17:36:24 2026-01-04	Gear Shift	1 Min

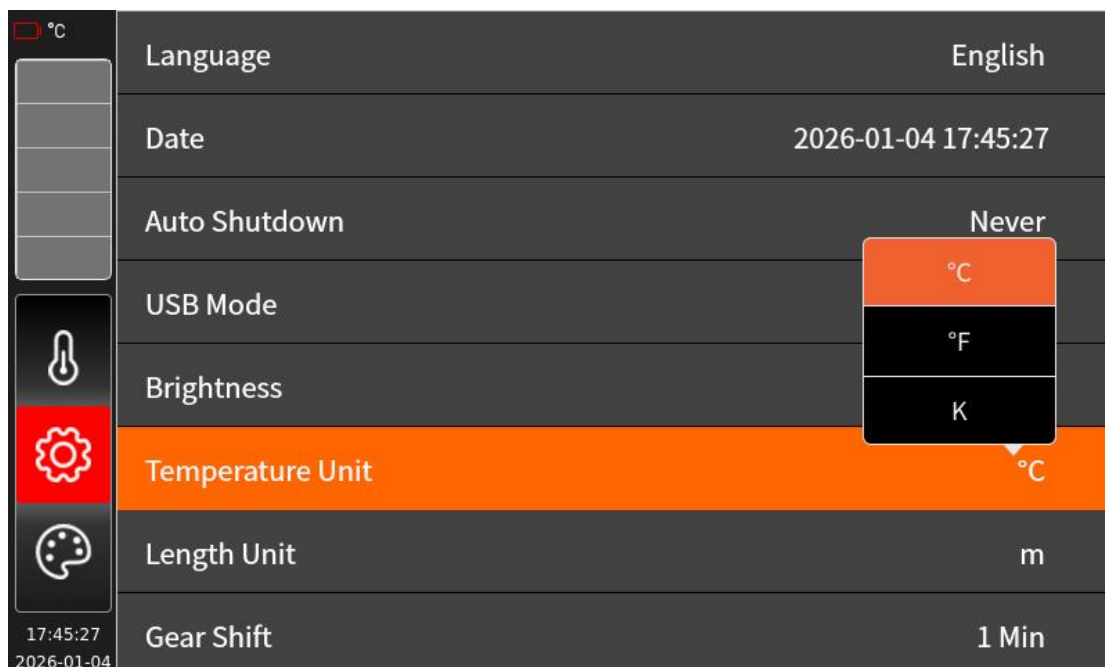
Select the desired brightness value using the up/down button and press OK to set the new brightness. The default brightness is 80%.

(6) Temperature unit

Select the "Temperature Unit" option by using the up/down button. It is shown as below:



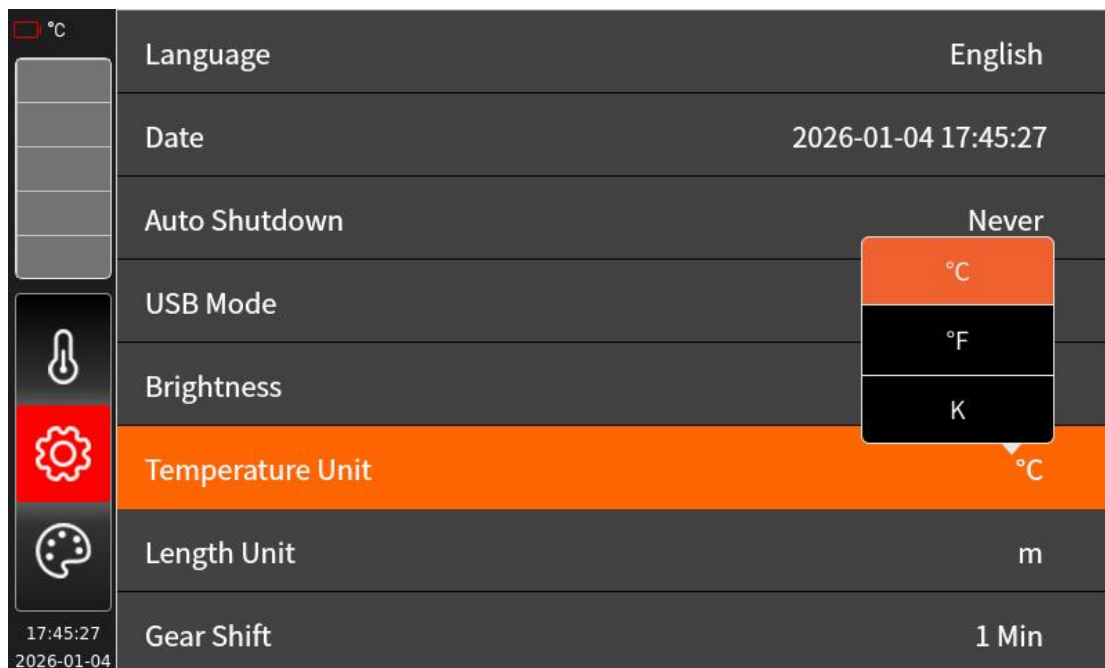
Press OK button to select the Celsius (°C), Fahrenheit (°F), and Kelvin (K). It is shown as below.



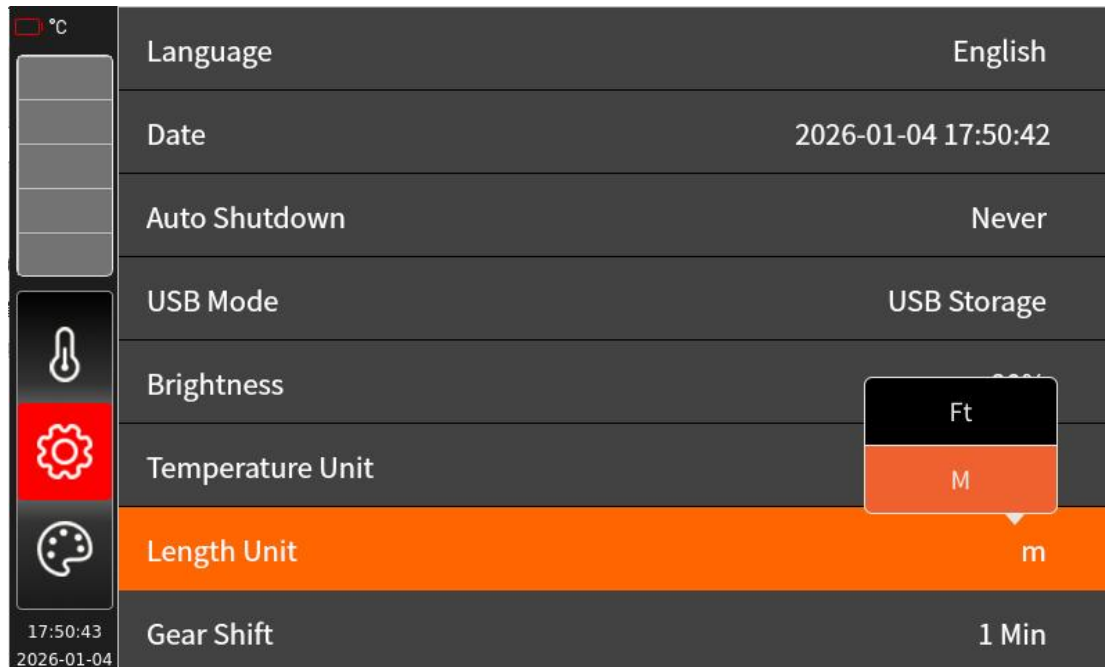
Select the desired temperature unit using the up/down button, and press OK button to confirm. The default unit is Celsius (°C).

(7) Length unit

Select the "Length Unit" option by using the up/down button. It is shown as below:



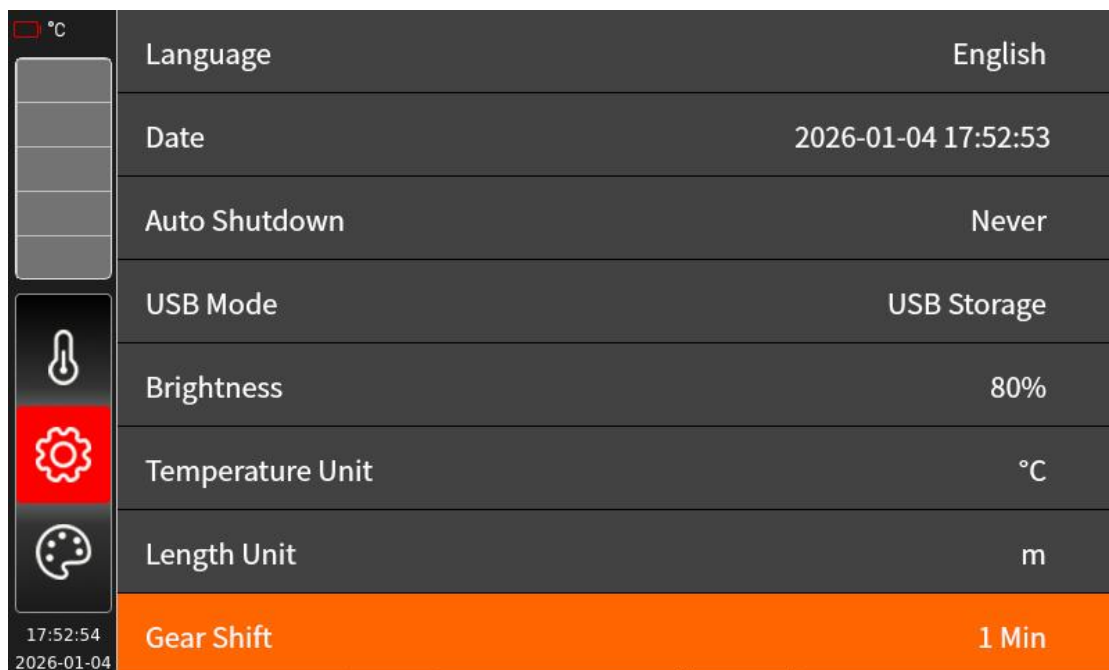
Press OK button to display the following options, both feet (ft) and meters (m) units. It is shown as below:



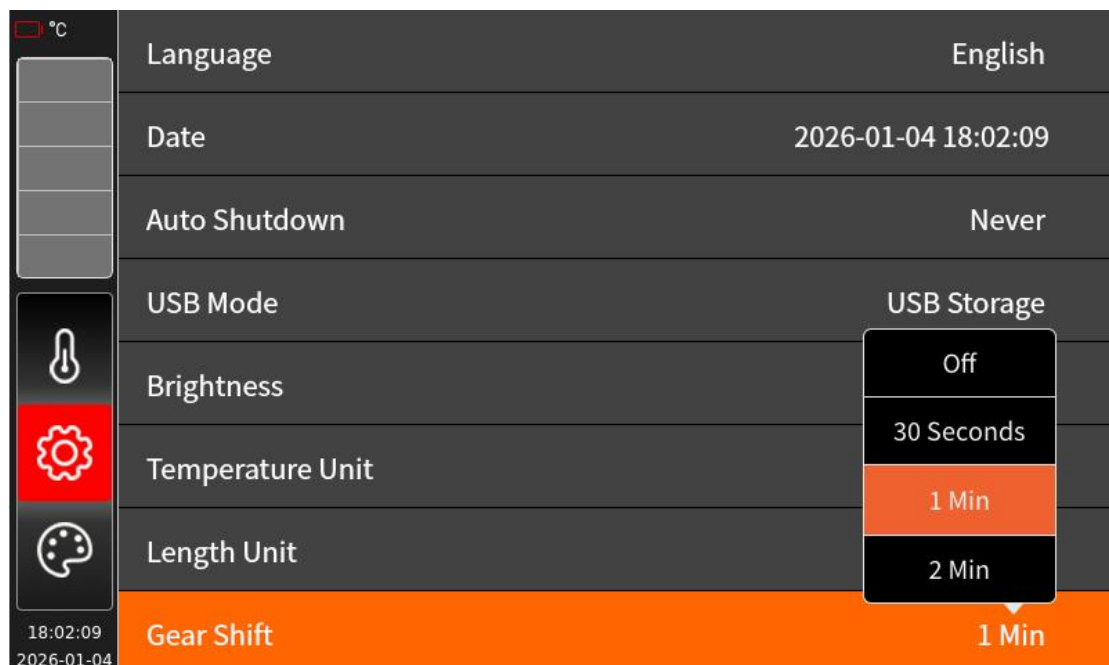
Select the desired length or distance parameters using the up/down button, then press OK to confirm. The system will convert the values to the specified unit of measurement. Its default setting is meters (m) .

(8) Shutter

Select the “Gear Shift” option by using the up/down button. It is shown as below:



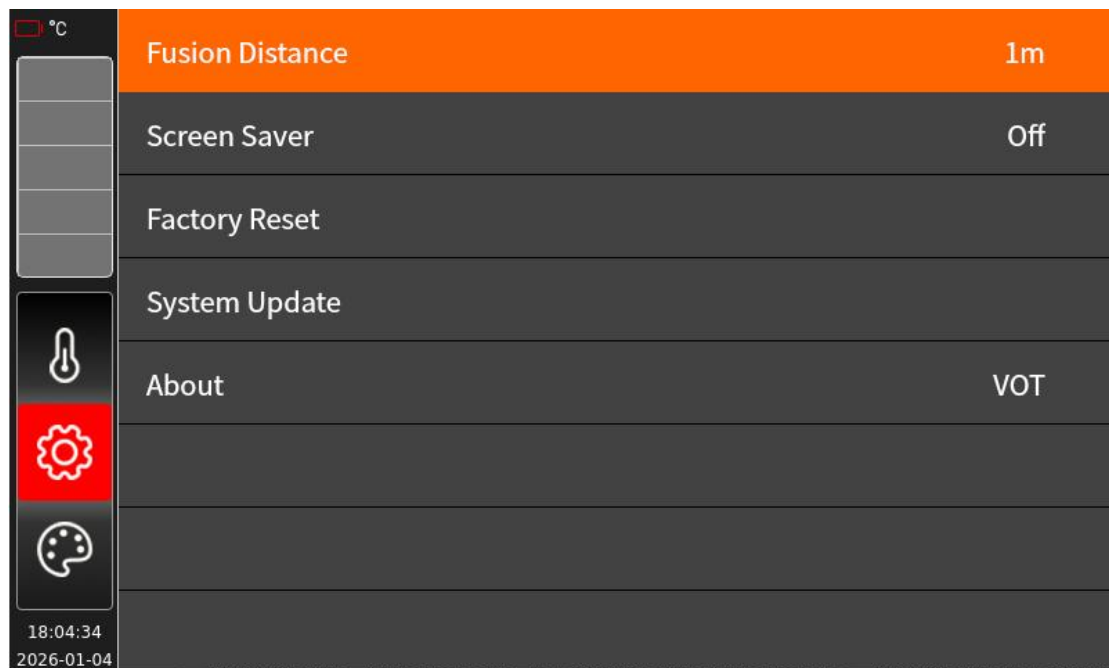
Press the OK button to select the desired mode. You can choose from four modes: Off, 30 second, 1 minute, or 2 minute.



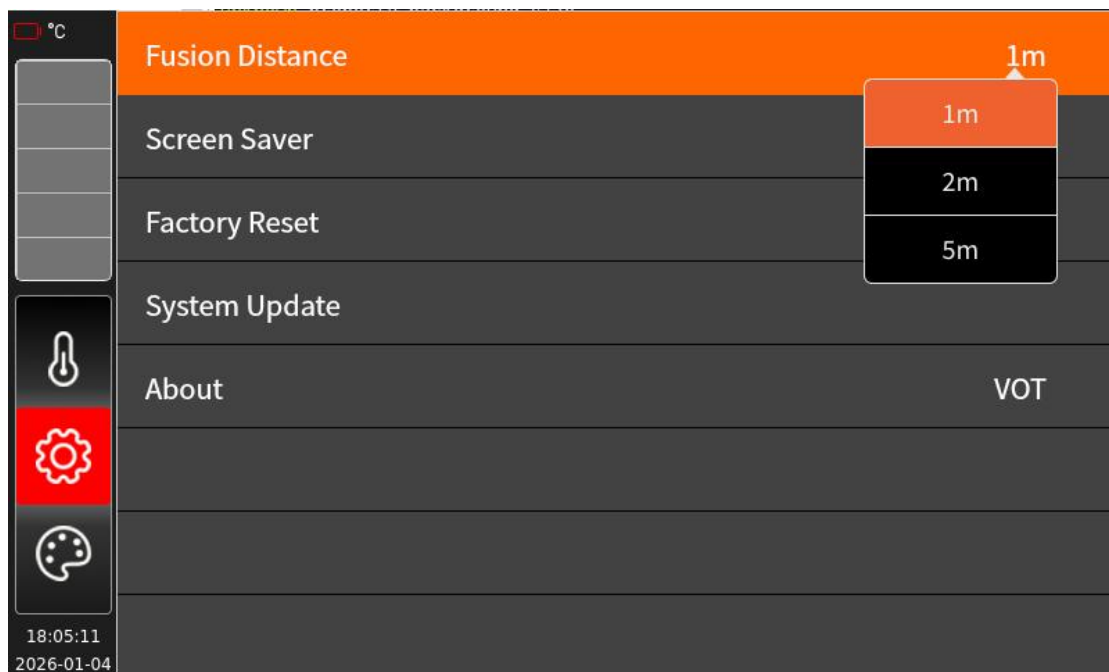
At last, press OK button to confirm. The default value is 2 minutes.

(9) Fusion Distance

Select the “Fusion Distance” option by using the up/down button. It is shown as below:

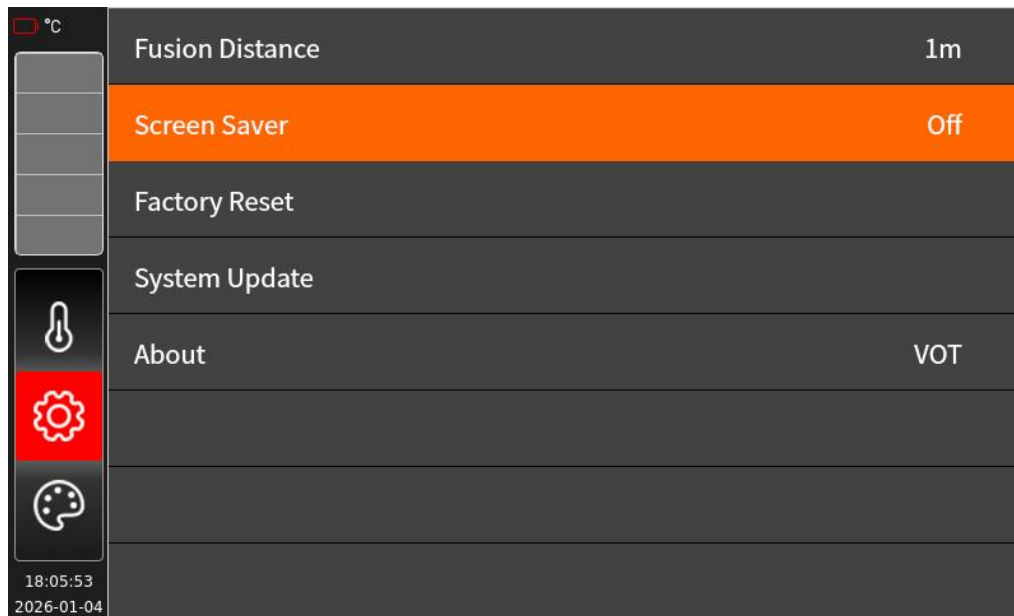


You can select 1m,2m, or 5m for settings. This is the distance parameter for dual-light fusion, with the default distance set to 1m.



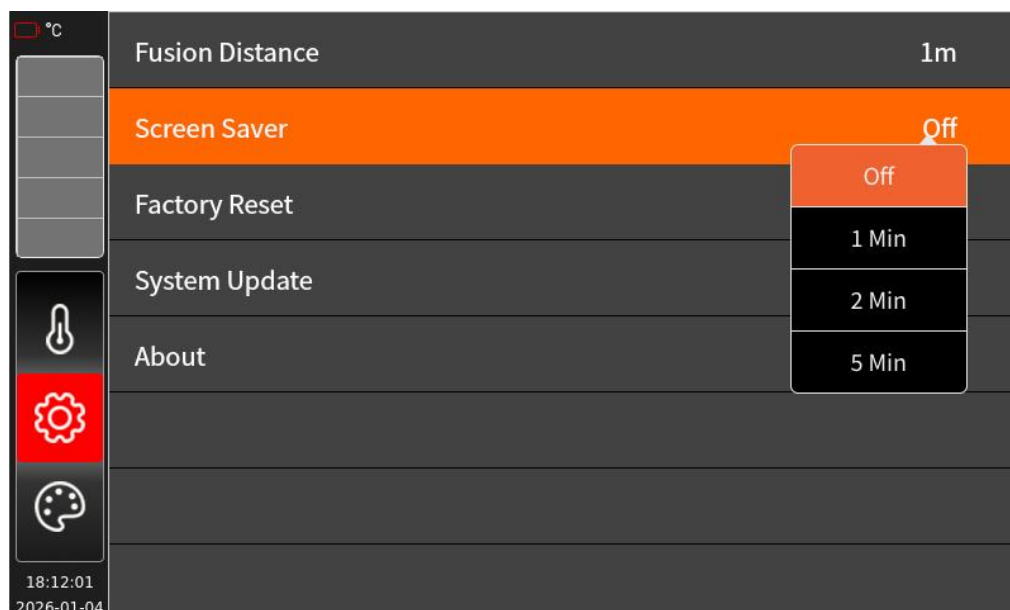
(10) Screen saver

Select the "Screen saver" option by using the up/down button. It is shown as below:



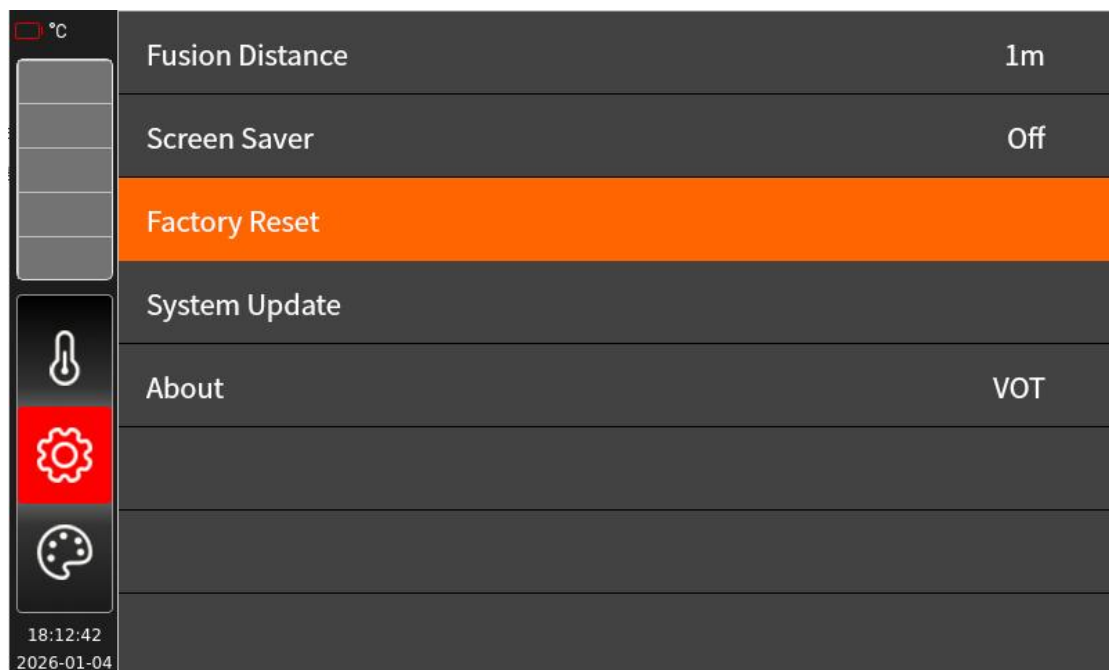
Press OK to select "Off", "1 minute", "2 minutes", or "5 minutes".

Set to "Off" keeps the LCD screen on continuously without activating the screensaver. If set to "1 minute", the screen will turn black and enter screensaver mode if no key is pressed within 1 minute. Any key press within 1 minute resets the timer to 1 minute. The "2 minute" and "5 minute" options function similarly to "1 minute", but set the screensaver duration to 2 or 5 minutes respectively. Pressing any key after entering screensaver mode will restore the LCD screen. The default setting is "Off"

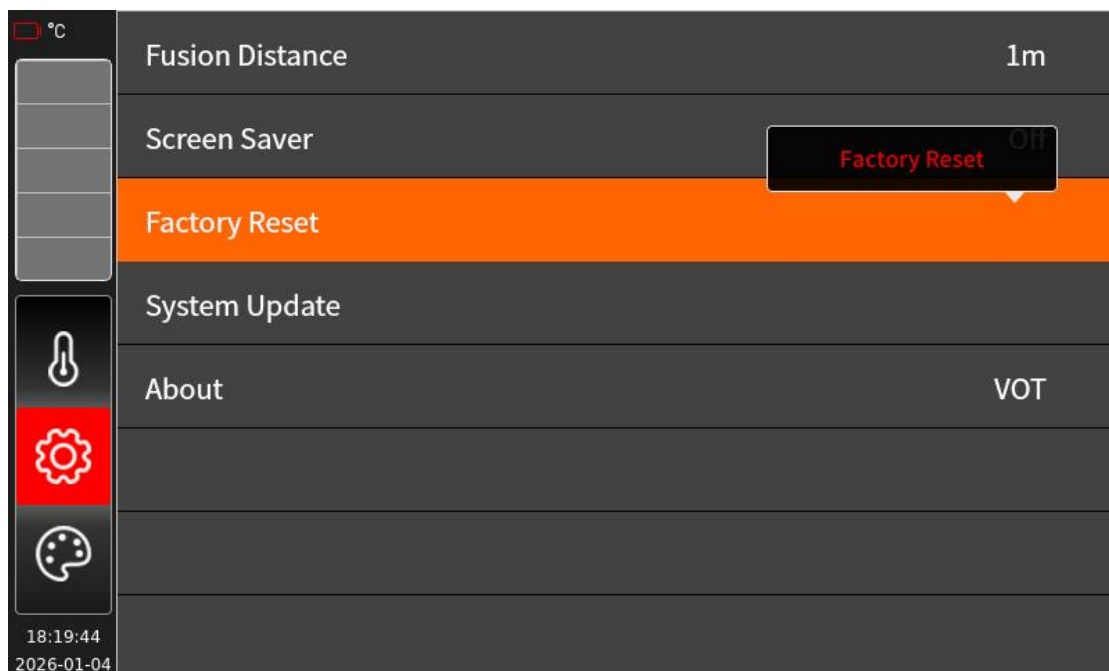


(11) Factory reset

Select the "Factory Reset" option by using the up/down button. It is shown as below:



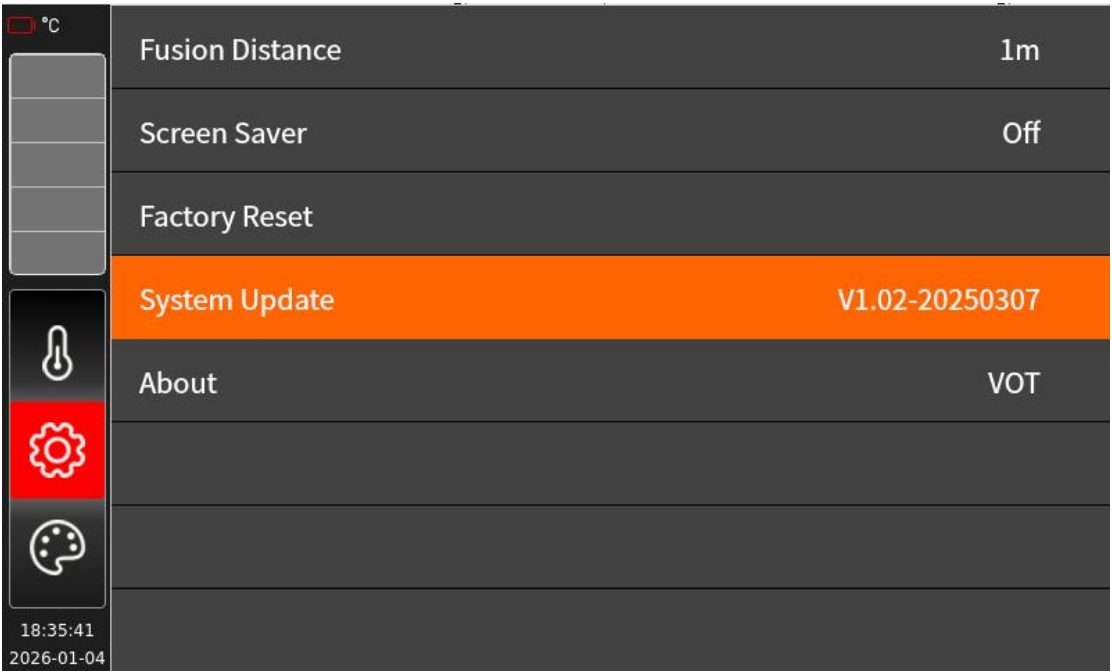
Press OK button to display the message prompt box. It is shown as below:



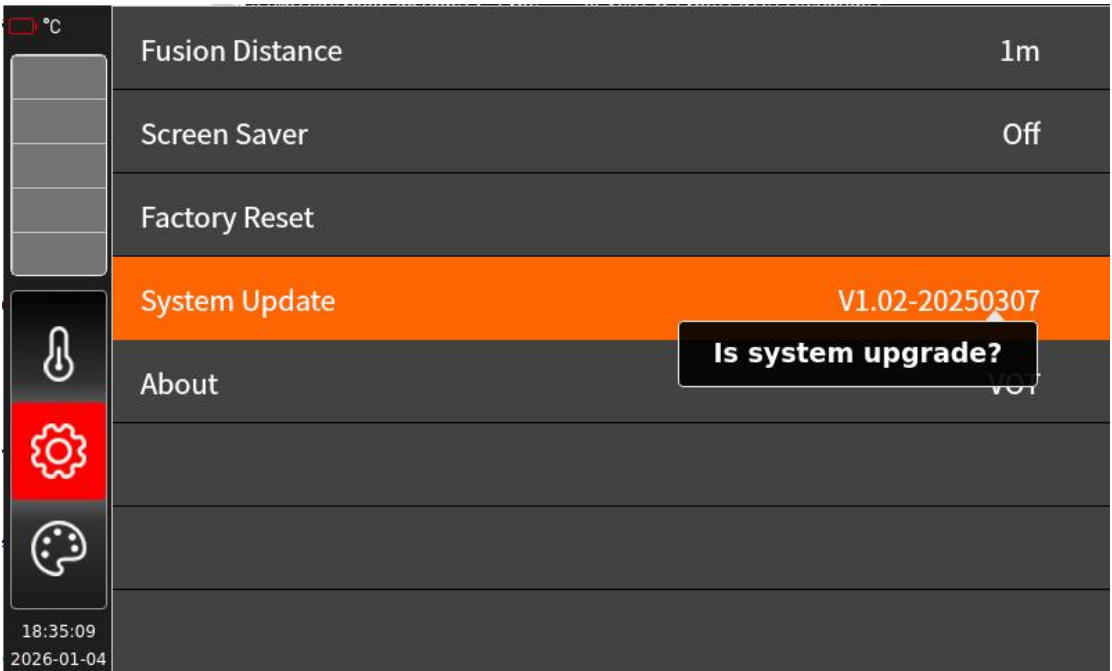
Press OK button to restore the factory settings. Press ESC button to exit without restoring the factory settings.

(12) Update

Select the “System Update” option by using the up/down button. It is shown as below:



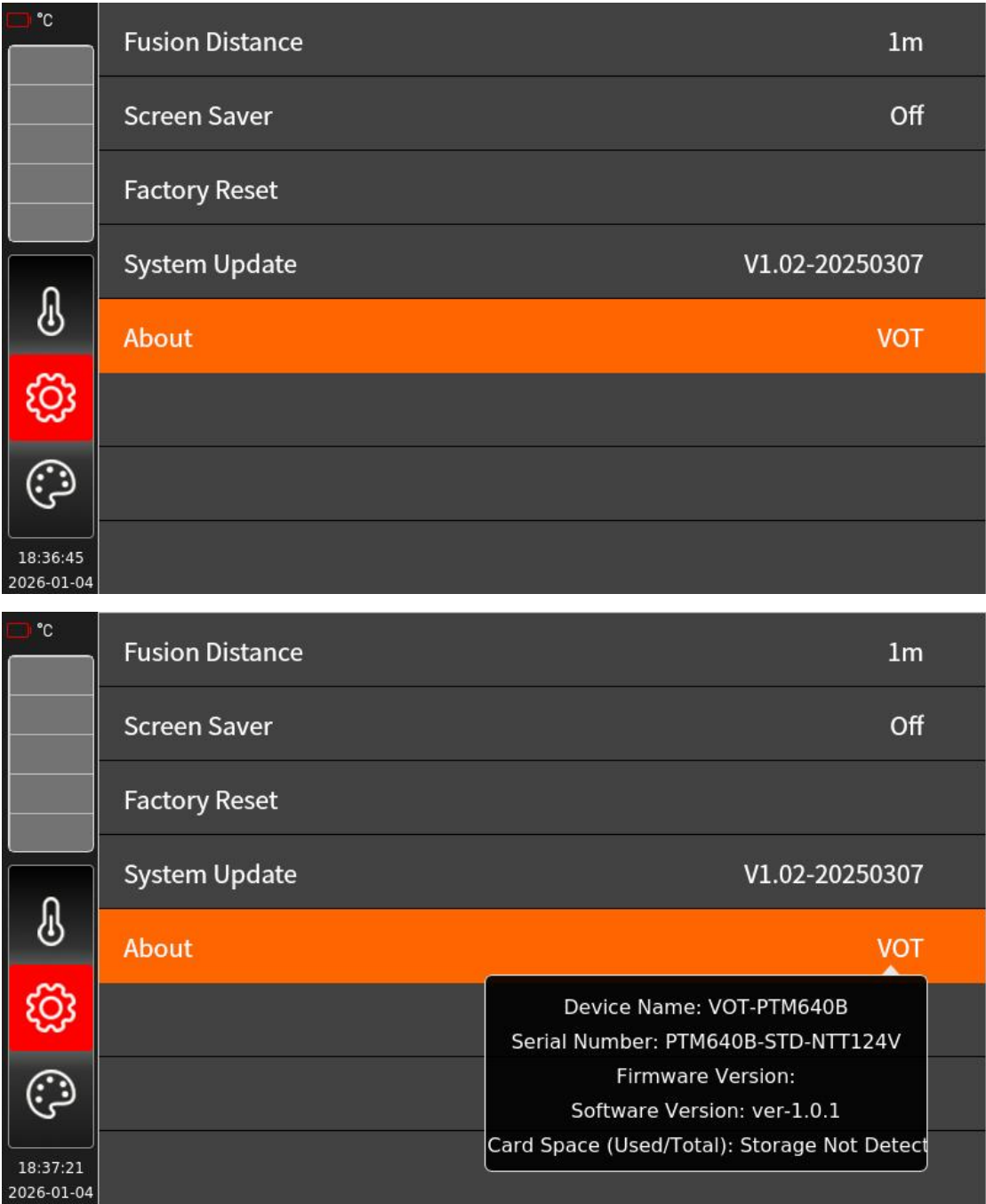
Press OK button to show the update interface. It is shown as below:



If you sure to update,please press OK button. Otherwise, press RETURN button to exit.

(13) About

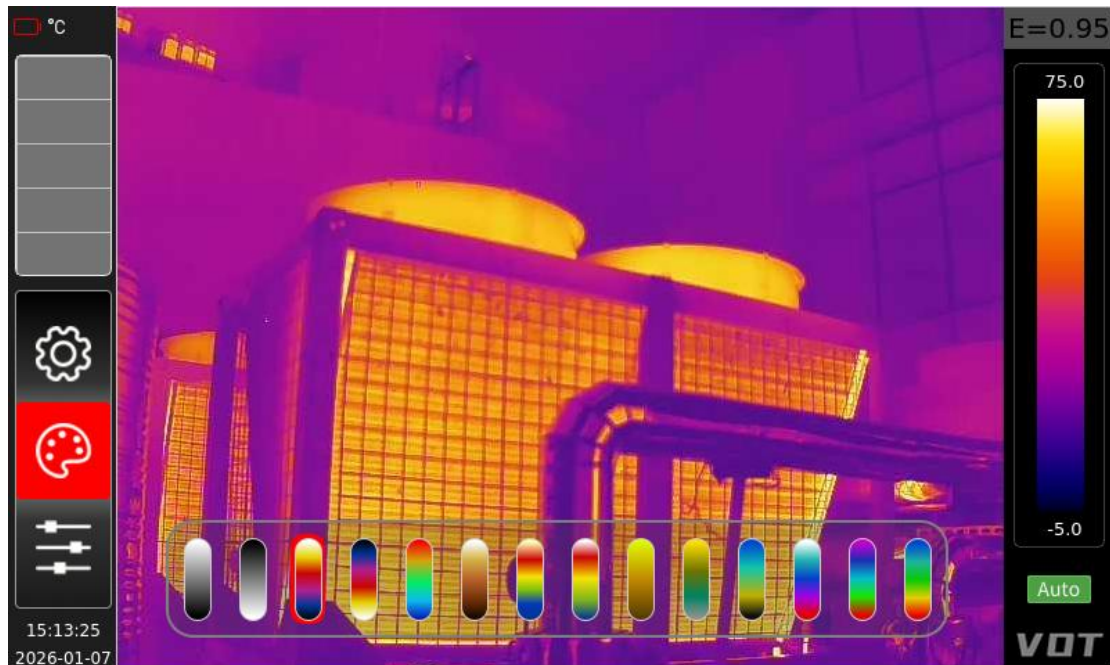
Select the “About” option by using the up/down button and press OK button, You will view the system's software and hardware version and device factory information. It is shown as below:



Press the return button to exit.

3.2、 Palette

Select the left menu icon  and press the OK button to enter into the palette settings interface. The interface is shown as below:

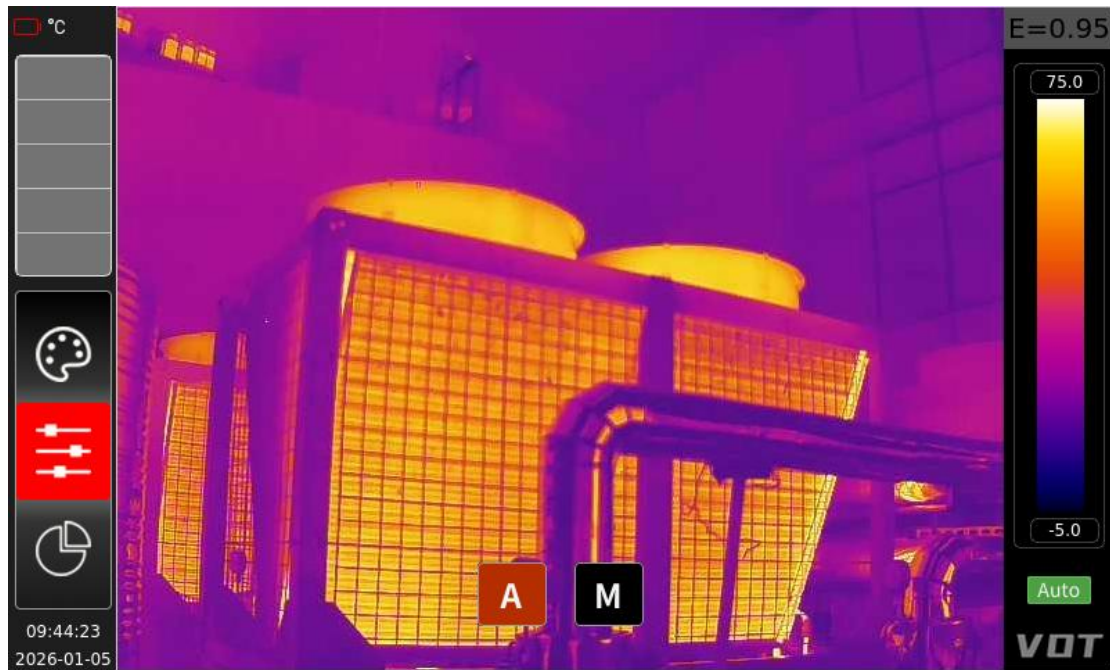


The current pseudo-color mode is "Iron Red". You can press the left/right button to switch other modes. 14 pseudo-colors are supported: White Heat, Black Heat, Iron Red, Anti-Iron Red, Rainbow, Lava, Feather Red, Spring Feather Red, Amber, Iron Gray, Blue Black, Blue Red, Multicolor, and RGB Inverted Color.

Select the desired pseudo-color to switch. Press the return key to exit the palette settings interface and return to the main menu.

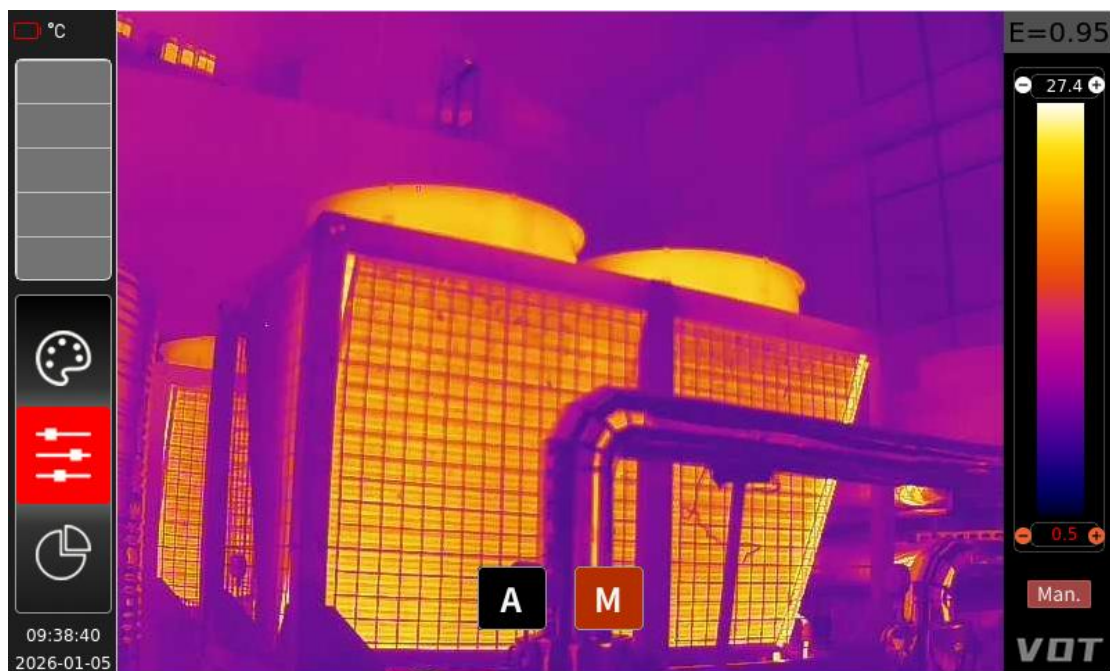
3.3、 Image adjustment

Select the left menu icon  and press the OK button to enter into the image adjustment settings interface. The interface is shown as below:



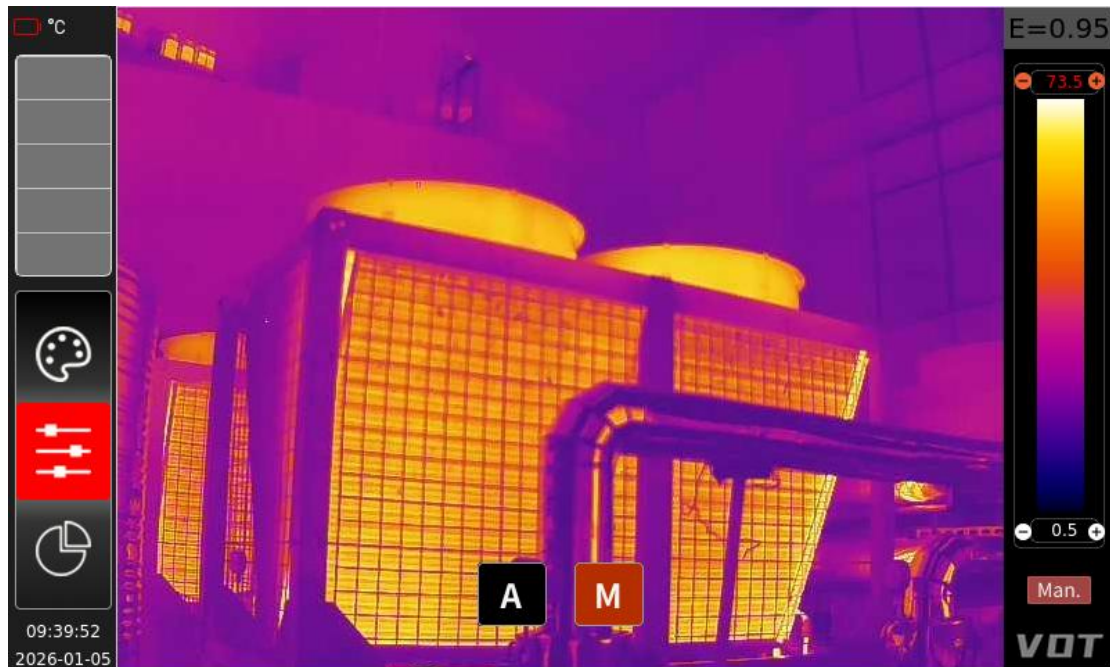
The icon "A" in the interface is selected to indicate that the temperature measurement range is in automatic setting mode. Switch to the "M" icon is to manually set the temperature measurement range.

Press the "OK" button and the temperature color bar range will enter the configurable state. It is shown as below:



Press the up/down button to set the upper and lower limits of the temperature range. The lower limit is not exceeding the upper limit.

As shown in the figure above, the lower limit has been changed to 0.5 degrees. Press right button to reduce or press left button to add the lower limit. Similarly, press the up button and move to the upper limit value to adjust the upper limit. It is shown as below:



The method to change the upper limit is the same as above. Press the Return button to exit, and return to the main menu.

3.4、 Temperature Measurement Analysis

Select the left menu icon  and press the OK button to enter into the temperature measurement analysis settings interface. The interface is shown as below:



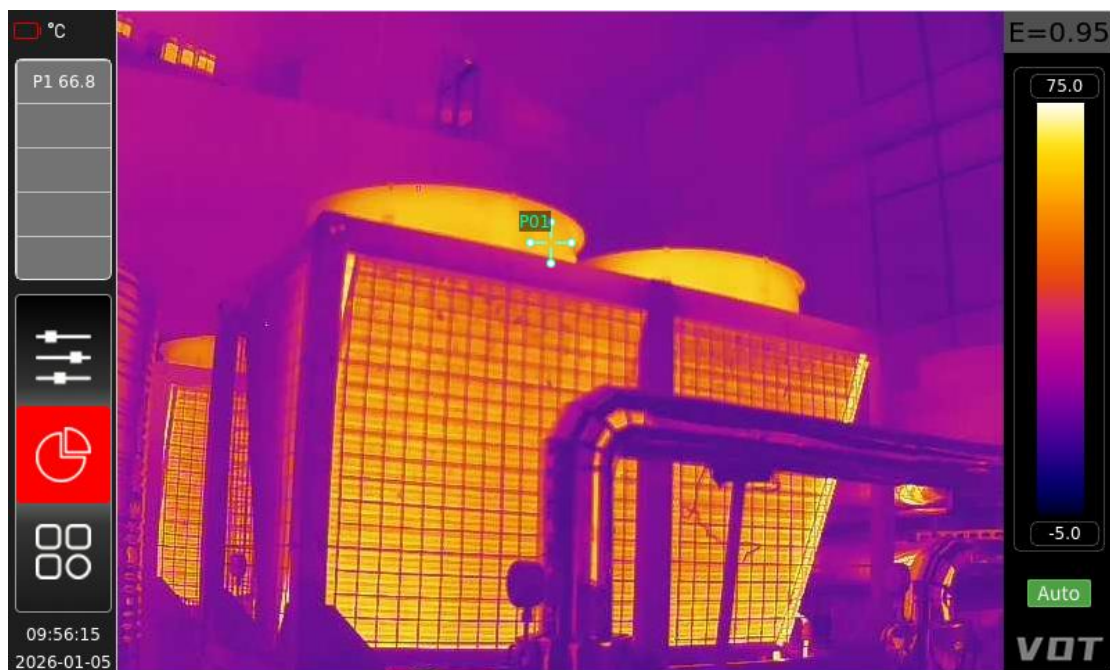
The five icons on the interface from left to right are point settings, line settings, rectangle settings, area modification and deletion. Use the left and right button to switch between these icons. Select and press the "OK" button to enter the corresponding function settings.

3.4.1 Point setting

After entering the point temperature measurement function, the interface is shown as below.



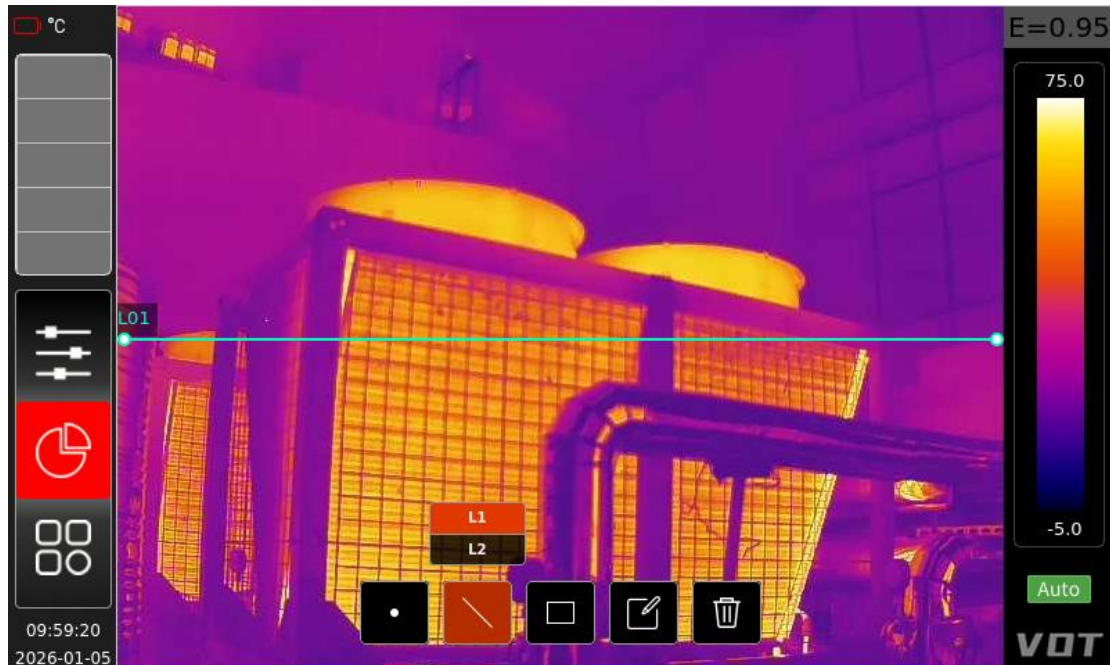
The two icons in this interface from left to right are Move and Delete. You can select them through the left/right button. Select the label and press the OK button to enter the point settings interface. Use the up/down/left/right button to adjust the point location.



The actual temperature of the point is displayed in the upper left corner of the interface. Press the Return button to go back to the point settings interface on the previous level. To delete a point, select the delete icon by using the left/right button, then press OK to remove the point.

3.4.2 Line setting

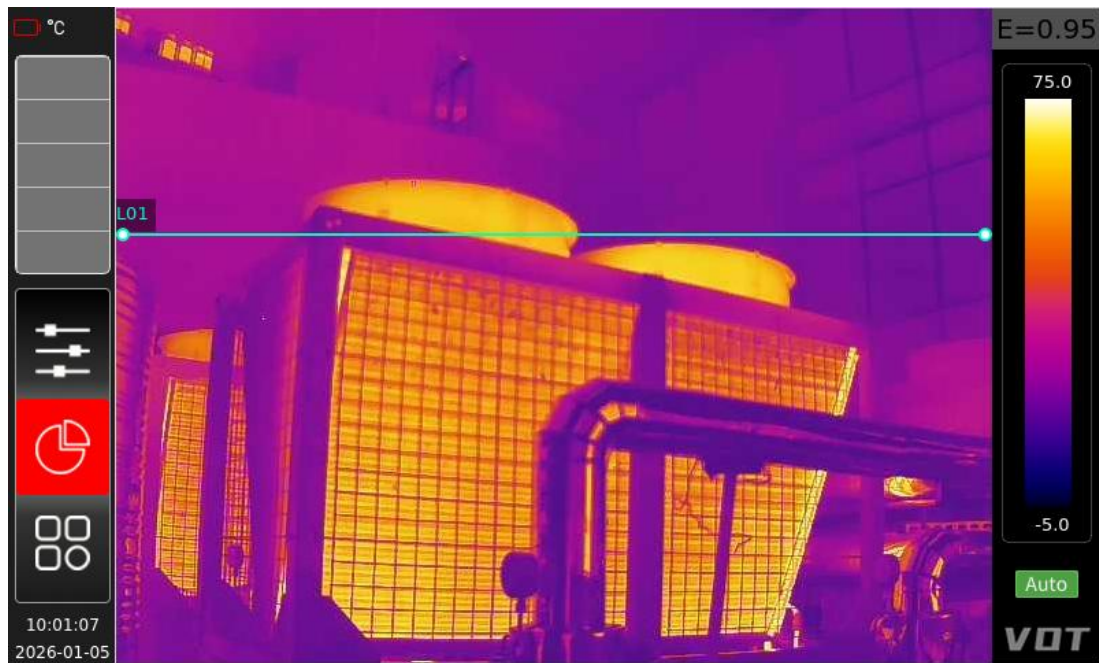
After entering the line temperature measurement function, the interface is shown as below.



Select L1 and L2 by pressing up/down button. L1 is a horizontal line, and L2 is a vertical line. Press the OK button to enter the line control menu interface. It is shown as below.



The bottom sections contain the Move tab and Delete tab. Select the Move tab and press OK button to enter the line position adjustment interface. It is shown as below.



Press the up/down button to adjust the position of L1 horizontal line. Press the left/right button to adjust the position of L2 vertical line. After adjusting the position, press the return button to the previous menu.

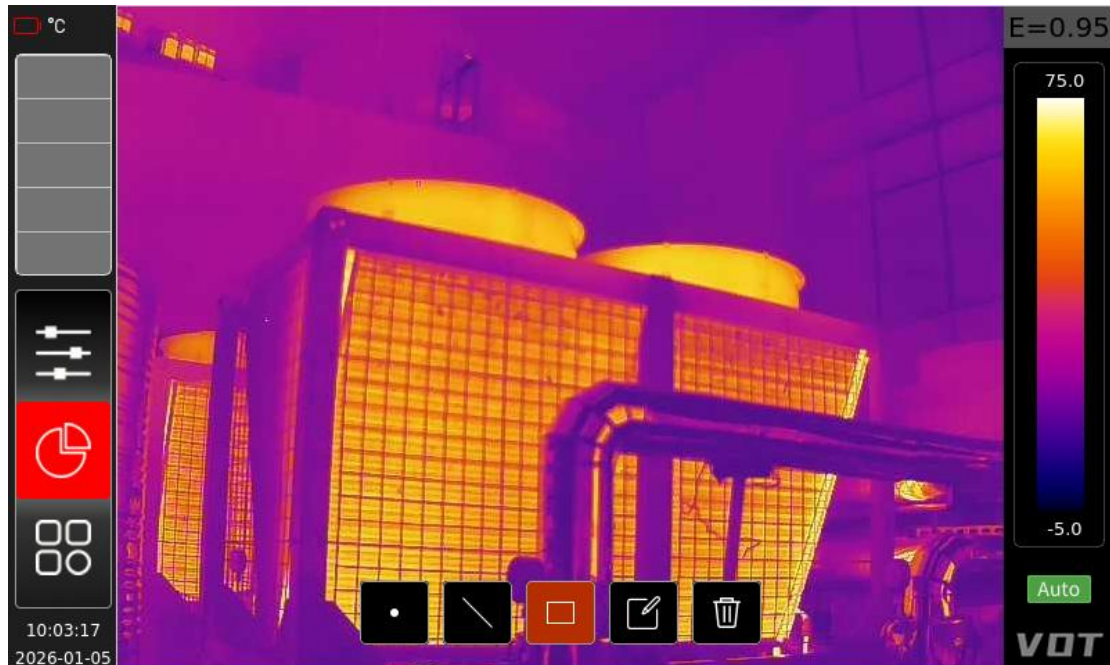
Press the up/down button to select the lines you want to delete, then press OK button to delete.

Press the Return button to the temperature measurement area settings menu. The maximum, minimum, and average temperature of the L1 line will be displayed in the upper left corner of the video. It is shown as below.

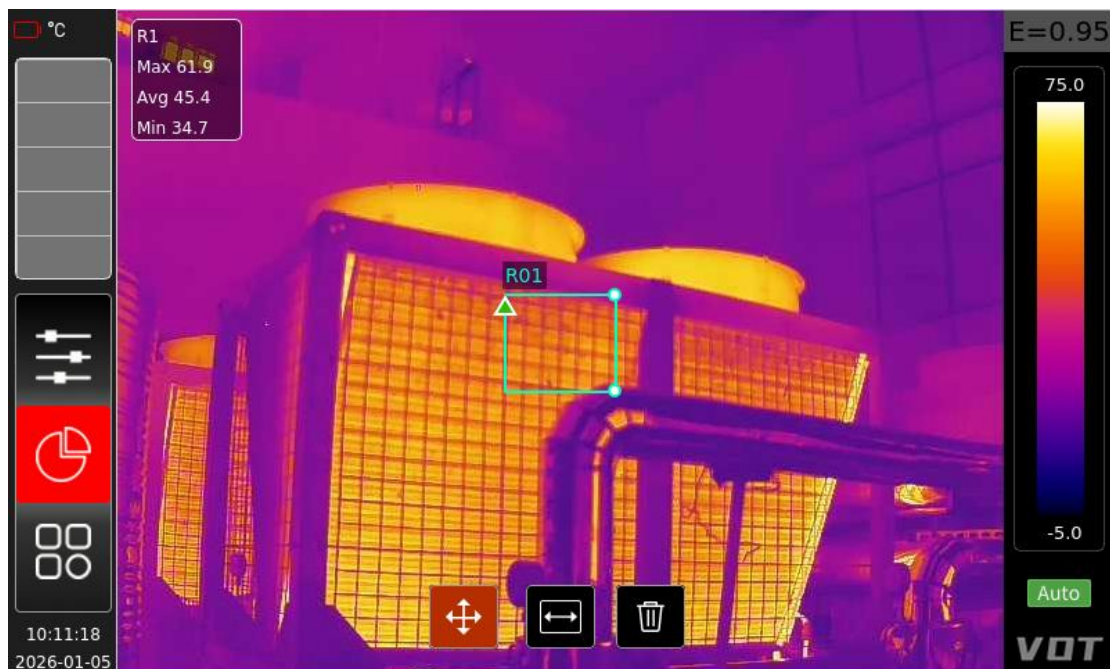


3.4.3 Rectangle setting

After select the rectangle temperature measurement function, the interface is shown as below.



After entering the rectangle temperature measurement function, the interface is shown as below.



The three icons from left to right are Move, Zoom, and Delete. Select the Move button and press OK to enter the rectangle position settings interface. The up/down/left/right

button can be used to move the rectangle up/down/left /right. Press Return button to the previous menu level.

Select the zoom tab and press OK button to enter the rectangle size adjustment interface. Use the up/down/left/right button to resize the rectangle. The temperature changes of rectangle R1 are displayed in the upper left corner of the video screen, including the highest, average, and lowest temperatures. It is shown as below after adjusting the rectangle's size and position.



Press Return button to the parent menu. If you select Delete Tab, select the rectangular area and press OK button to delete.

3.4.4 Area modification

After selecting the area modification function, the interface is shown as below.



Press the OK button again, and the interface is shown as below.



There are three options: P1, L1, and R1 above the modification button. They represent the point, line, and rectangle you just drew and edit. Press the up/down button to select the area, then press OK to enter the corresponding temperature measurement zone.

Points and lines can be repositioned, while rectangles allow adjustments to size and location. The modification process follows the same steps as described earlier.

3.4.5 Area deletion

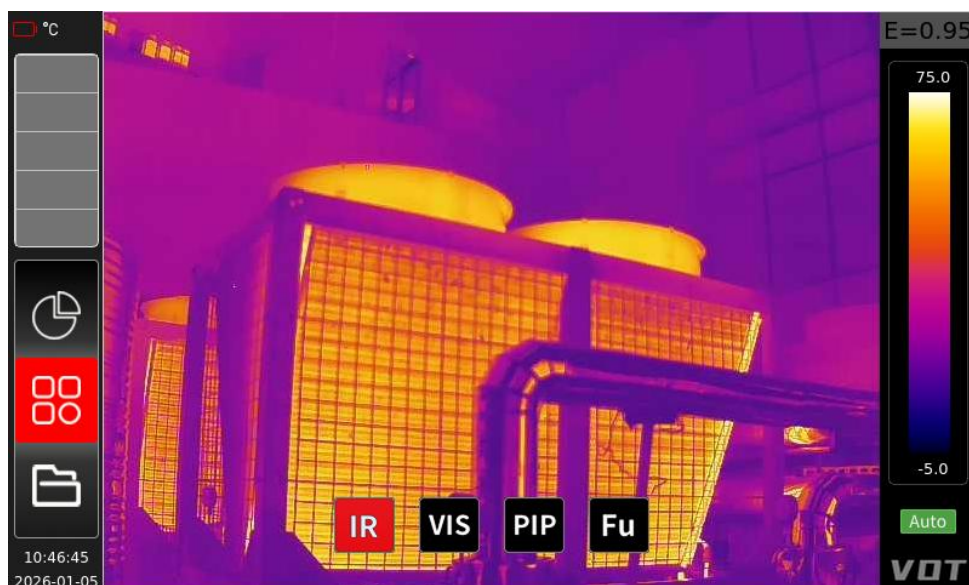
After selecting the delete button and press OK button, the interface is shown as below.



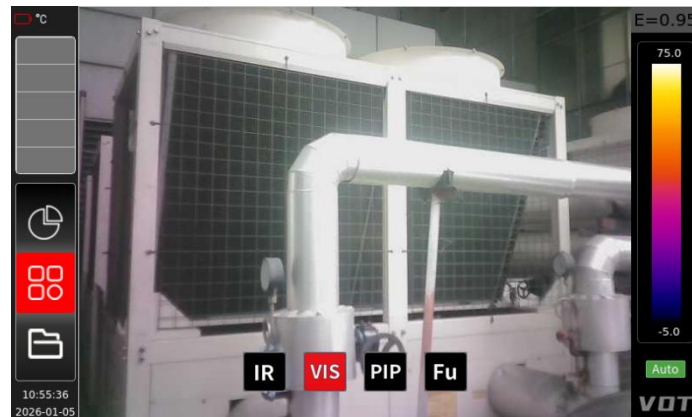
If you select "Delete All" and press OK button, all temperature measurement areas will be deleted. Pressing the up/down button to delete the selected areas. Pressing the return button to exit the temperature measurement area settings interface and to the main menu.

3.5、Image mode

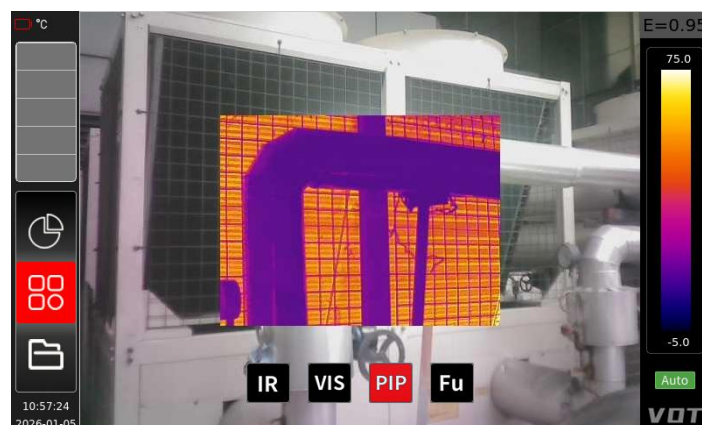
Select the menu icon  on the left and press the OK button to enter image mode settings. The interface is shown as below.



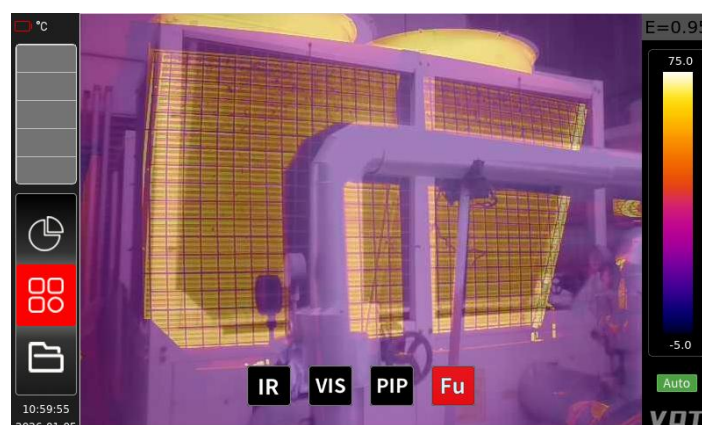
The four labels from left to right are infrared, visible light, picture-in-picture, and dual-light fusion. The default is in infrared mode. Press the left/right button to select the corresponding image display and output mode. The visible light mode is displayed as follows:



The picture-in-picture mode is shown as below:



The dual-light fusion mode is shown as below:

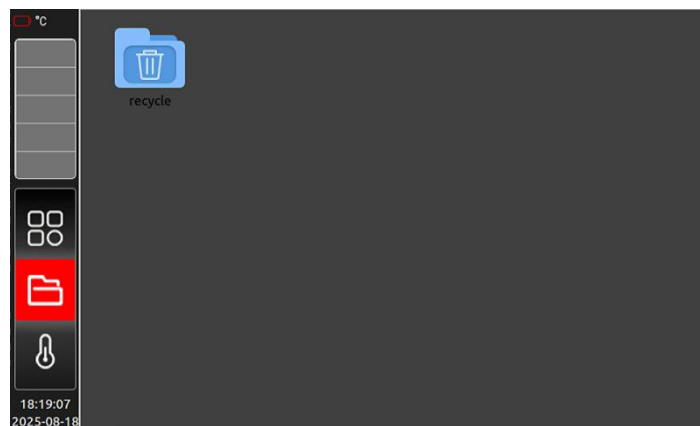


Press Return button to exit the image mode settings and return to the main menu.

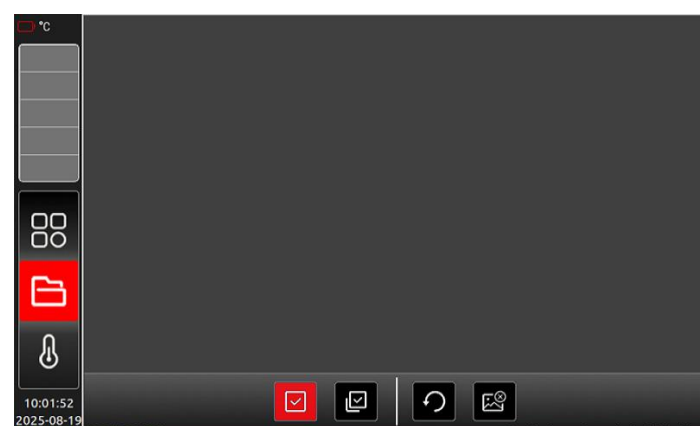
3.6、Image Browsing

Press the OK key after selecting the left menu icon  to enter the image browsing interface.

The folder contains photos saved that day. To view all images for a specific date, select the corresponding folder using the left/right button and press OK button. To view a single image in full screen, select the image using the up/down/left/right button and press OK button. The three tabs below allow you to view photo information, edit notes, or delete photos. It is shown as below. (Note: Since the device does not store images by default, only the recycle bin is displayed.)



The recycle bin displays deleted images. Press the down button and press OK button to view the following interface:

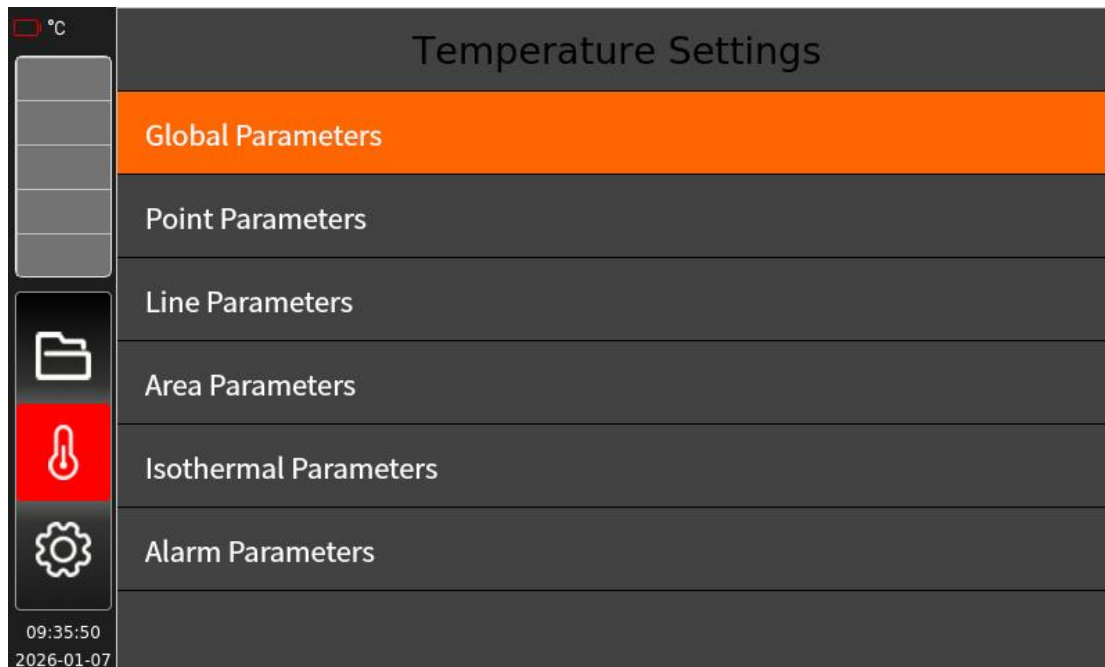


There are four bottom tabs. They are Image Select, Image Select All, Image Restore, and Image Delete. Press the left and right button to select and press OK button to perform the corresponding actions. After completing the operation, press Return button to the parent menu.

3.7、Temperature measurement settings

Select the menu icon  on the left and press the OK button to enter setting interface.

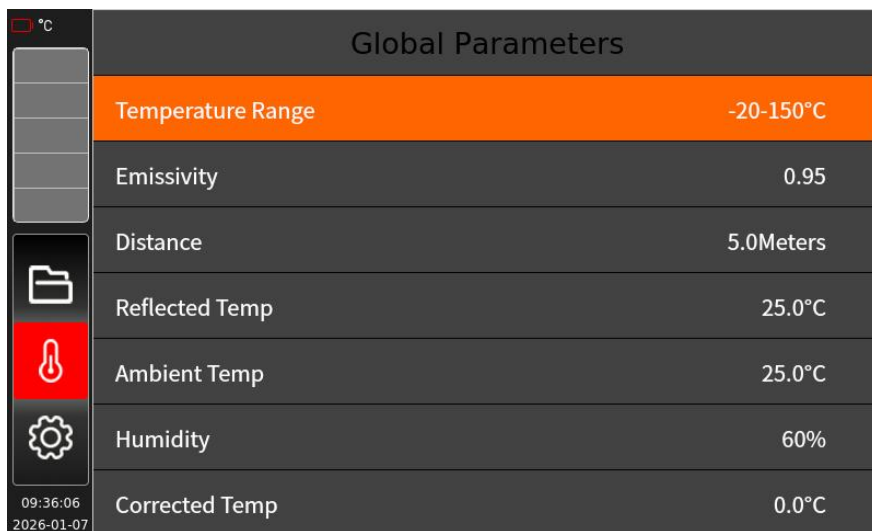
It is shown as below.



Press the up/down button to select the temperature measurement parameter settings you want to modify. There are global parameter settings, point parameter settings, line parameter settings, area parameter settings, isothermal parameter settings, and alarm parameter settings.

3.7.1 Global parameter setting

Select the Global Parameter Setting bar and press OK button to enter its interface, as shown in below:

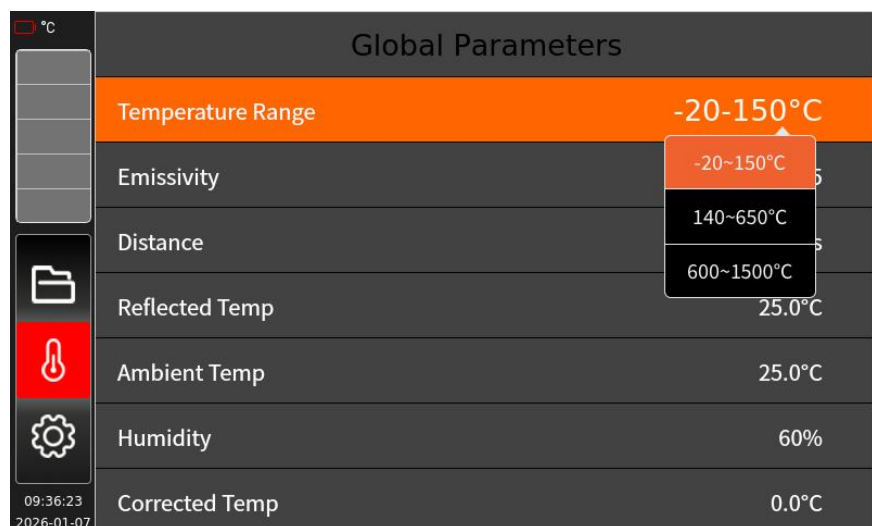


The parameters are factory default settings. When you restore factory settings, these parameters will be set to the values shown above.

Press the up/down button to select the corresponding settings and press OK button to enter edit mode. In edit mode, the parameter values on the right will be highlighted. And it is adjusted by the up/down button. Press OK button to confirm changes or press Return button to cancel .

(1) Temperature Range

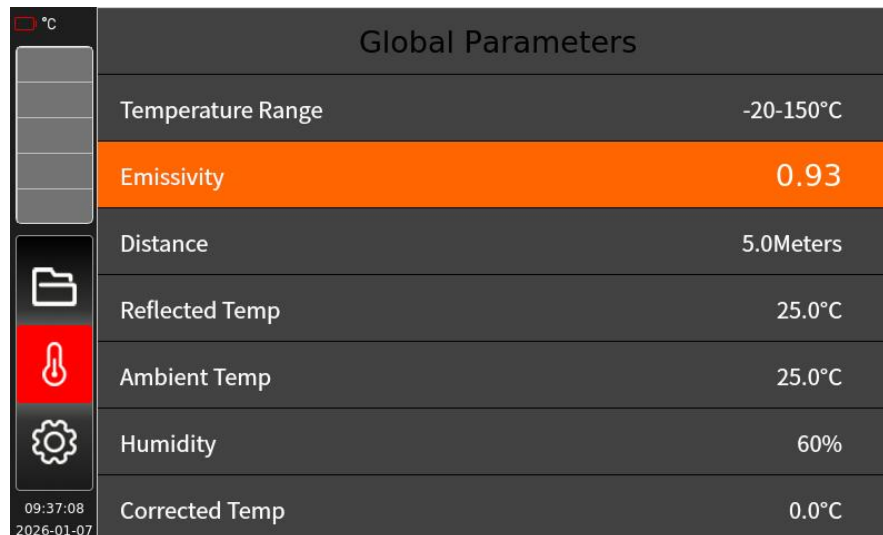
Click OK button to enter its interface. It is shown as below:



There are three temperature range as -20~150°C, 140~650°C and 600~1500°C. Press the up/down button to select temperature range. Press OK button again to switch temperature range.

(2) Emissivity

When the "Emissivity" is selected, press the "OK" button to enter the highlight editing mode. The interface is shown as below:



The screenshot shows a vertical sidebar on the left with icons for temperature, folder, thermometer (highlighted in red), and settings. The main area is titled 'Global Parameters' and contains a list of settings. 'Emissivity' is highlighted in orange.

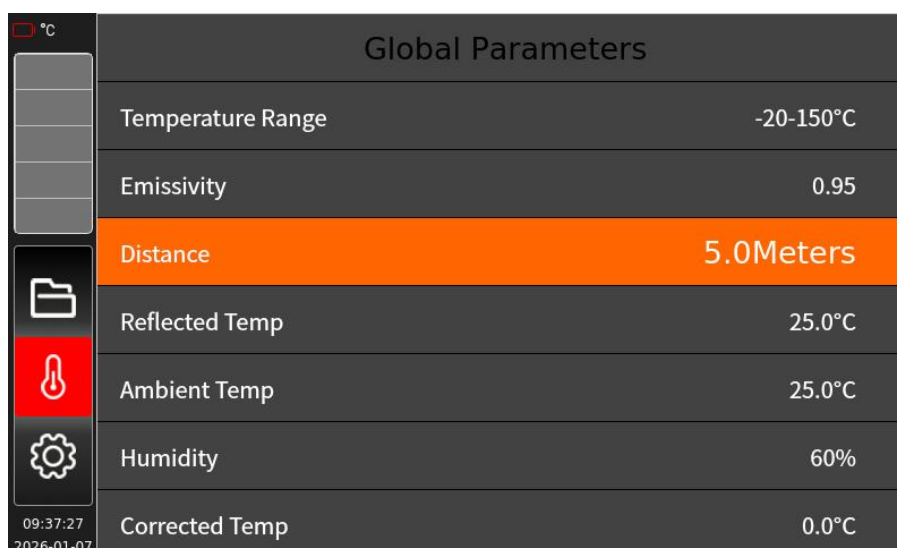
Global Parameters	
Temperature Range	-20-150°C
Emissivity	0.93
Distance	5.0Meters
Reflected Temp	25.0°C
Ambient Temp	25.0°C
Humidity	60%
Corrected Temp	0.0°C

09:37:08
2026-01-07

Pressing the up button increases the emissivity by 0.01 each time, while pressing the down button decreases it by 0.01 each time. The adjustment range is between 0 and 1. Parameters can be modified by long-pressing or short-pressing. Long-pressing increases the value more than short-pressing. If finishing settings, please press OK button to confirm.

(3) Distance

When the "Distance" is selected, press the "OK" button to enter the setting mode. The interface is shown as below:



The screenshot shows the same 'Global Parameters' menu as before, but now 'Distance' is highlighted in orange. The thermometer icon in the sidebar is still highlighted in red.

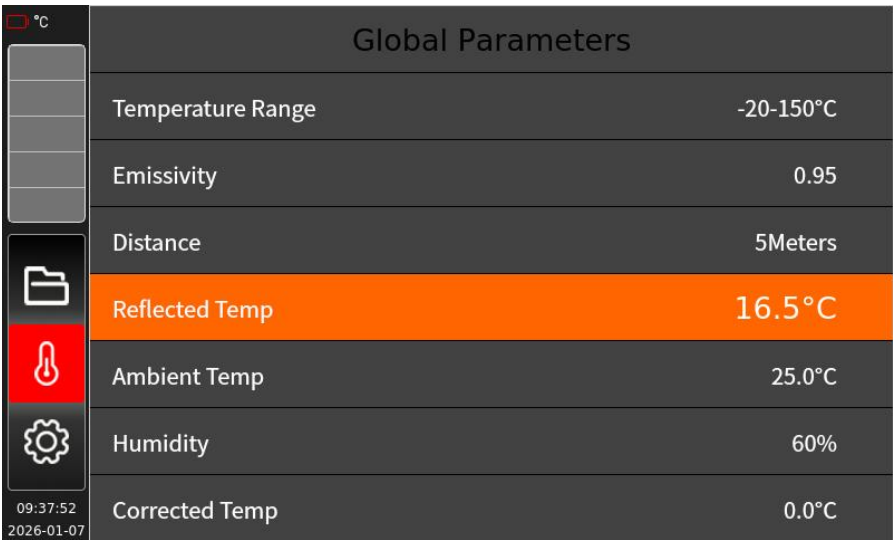
Global Parameters	
Temperature Range	-20-150°C
Emissivity	0.95
Distance	5.0Meters
Reflected Temp	25.0°C
Ambient Temp	25.0°C
Humidity	60%
Corrected Temp	0.0°C

09:37:27
2026-01-07

Press the up button to increase the distance by 1 meter each time, and press the down button to decrease it by 1 meter each time. The range is between 0 to 10 meters. The parameter value can be adjusted by long-pressing or short-pressing, with long-pressing increasing the value more than short-pressing. After setting, press the OK button to confirm the changes.

(4) Reflected temperature

When the "Reflected temp." is selected, press the "OK" button to enter the setting mode. The interface is shown as below:



Global Parameters	
Temperature Range	-20-150°C
Emissivity	0.95
Distance	5Meters
Reflected Temp	16.5°C
Ambient Temp	25.0°C
Humidity	60%
Corrected Temp	0.0°C

Press the up button to increase the reflection temperature, while press the down button to decrease it. The adjustment range is between -60 °C and 2000 °C. Parameters can be modified by long-pressing or short-pressing with long-pressing yielding a greater increase. After setting, press the "OK" button to confirm the changes.

(5) Ambient temperature

When the "Ambient temp." is selected, press the "OK" button to enter the setting mode. The interface is shown as below:

Global Parameters	
Temperature Range	-20-150°C
Emissivity	0.95
Distance	5Meters
Reflected Temp	25.0°C
Ambient Temp	21.0°C
Humidity	60%
Corrected Temp	0.0°C

Press the up button to increase the ambient temperature, and press the down button to decrease it. The setting range is between -40 to 125°C. Parameter values can be adjusted by long-press or short-press, with long-press providing a greater increase than short-press. After setting, press the "OK" button to confirm the changes.

(6) Humidity

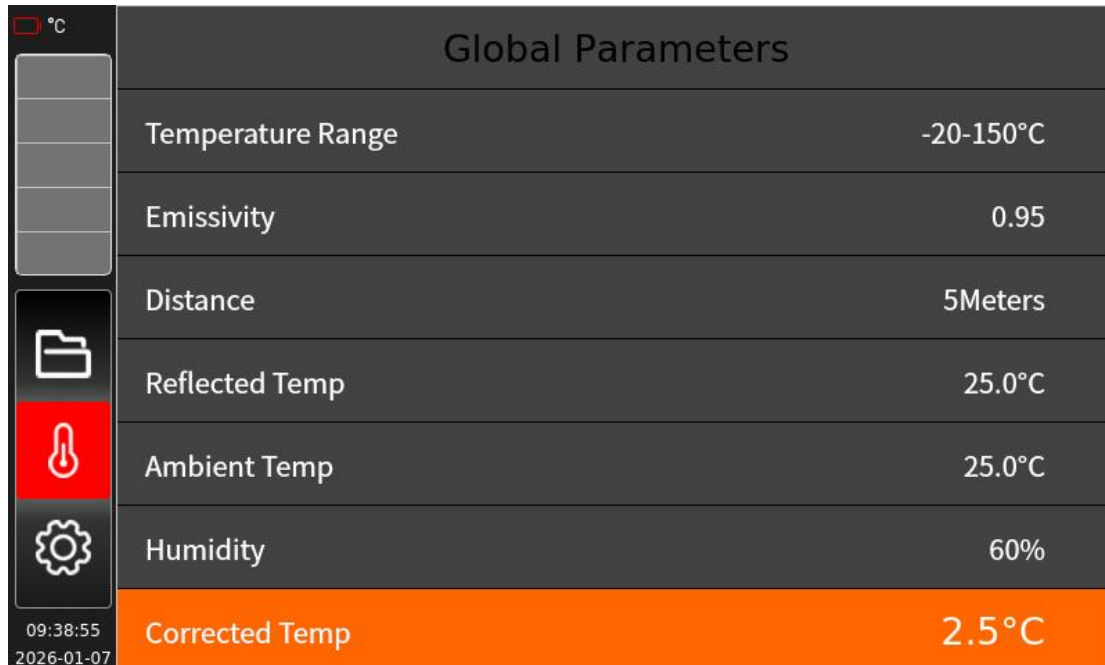
When the "Humidity" is selected, press the "OK" button to enter the setting mode. The interface is shown as below:

Global Parameters		
°C	Temperature Range	-20-150°C
	Emissivity	0.95
	Distance	5Meters
	Reflected Temp	25.0°C
	Ambient Temp	25.0°C
	Humidity	63%
	Corrected Temp	0.0°C

Press the up button to increase humidity, and press the down button to decrease it. The range is between 0% to 100%. Parameter values can be adjusted by long-press or short-press, with long-press providing a greater increase than short-press. After setting, press the "OK" button to confirm the changes.

(7) Corrected temperature

When the "Corrected temp." is selected, press the "OK" button to enter the setting mode. The interface is shown as below:

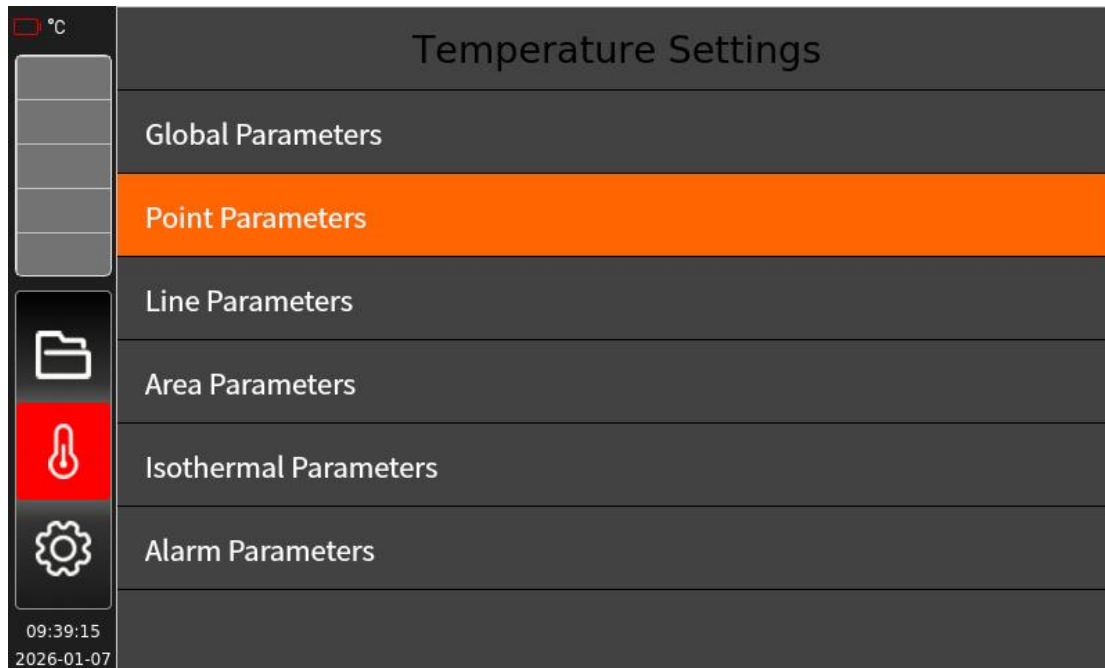


Global Parameters	
Temperature Range	-20-150°C
Emissivity	0.95
Distance	5Meters
Reflected Temp	25.0°C
Ambient Temp	25.0°C
Humidity	60%
Corrected Temp	
2.5°C	

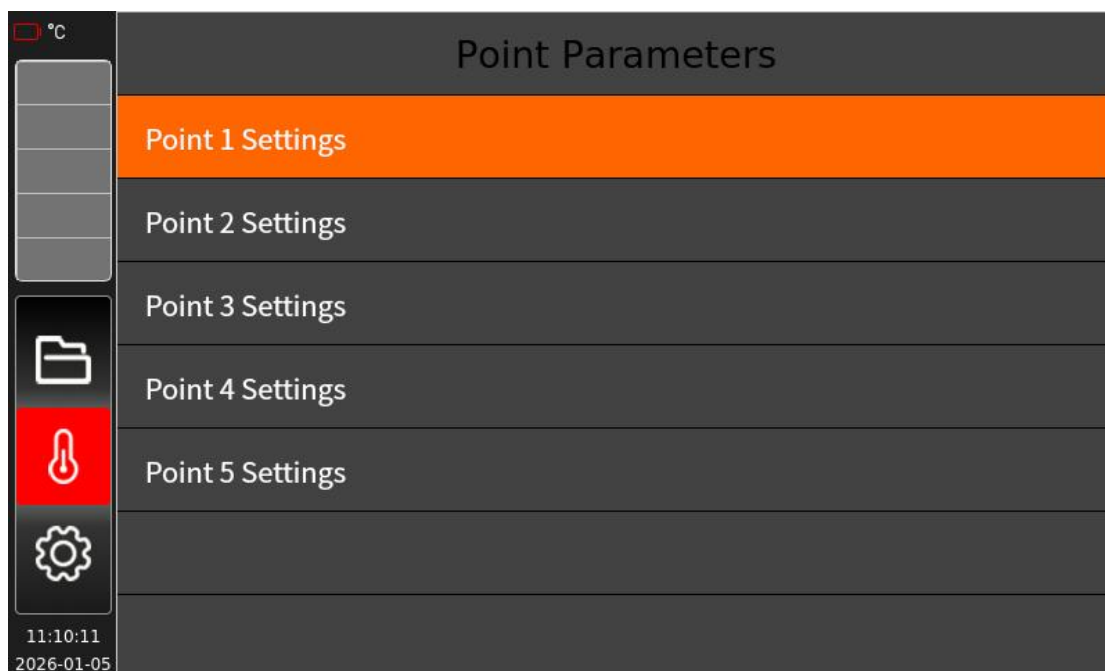
Press the up button to increase the correction temperature, and press the down button to decrease it. The adjustment range is -10 to 100 °C. Parameters can be modified by long-pressing or short-pressing, with long-press providing a greater increase than short-press. After setting, press the OK button to confirm the changes.

3.7.2 Point parameter setting

Select the "Point parameters" bar and press OK button to enter its interface, as shown in below:



Press the OK button and enter into the below interface.

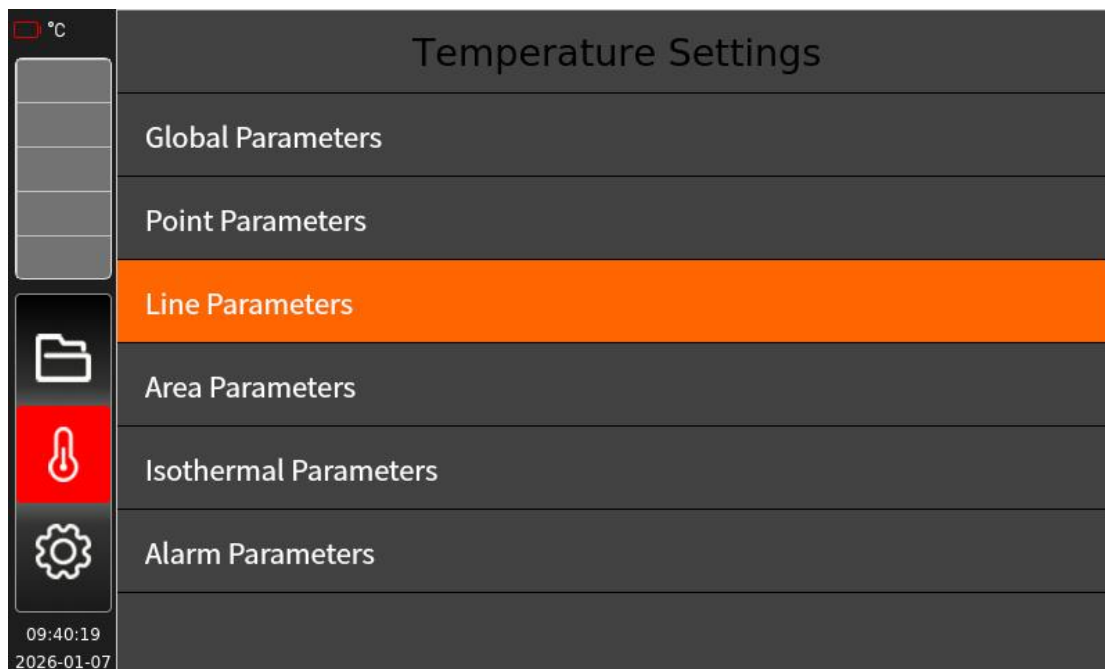


You can see the parameter settings for five points. The content of these parameter settings is identical, with each group targeting different points. Taking the parameter settings for Point 1 as an example, the settings for other points are the same as those for Point 1.

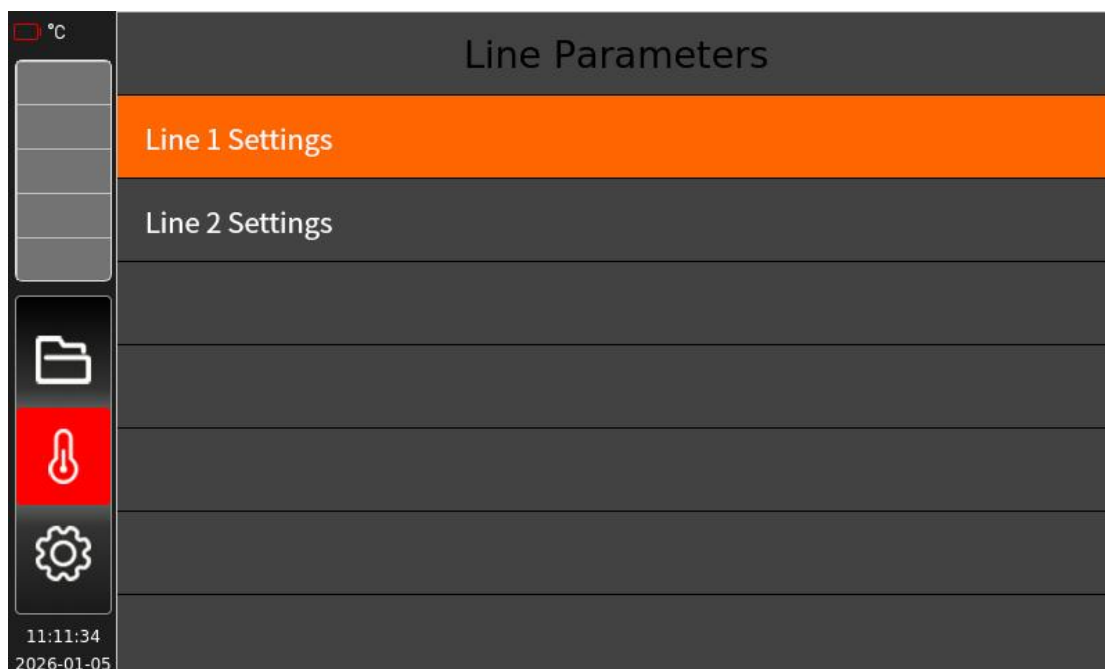
When you select "Point 1 Settings" and press the "OK" button, the following interface will appear.

3.7.3 Line parameter setting

Select the “Line parameters” bar and press OK button to enter its interface, as shown in below:



Then press the OK button to enter into the interface as shown below.



You can set the temperature measurement parameters for Line 1 and Line 2. When the focus is on "Line 1 Settings", press the OK button to enter the Line 1 parameter settings

interface as shown below.

	Line 1 Settings	
	Mode	Horizontal
	Use Global Parameters	Yes
	Emissivity	0.95
	Distance	5.0Meters
	Reflected Temp	25.0°C
	Ambient Temp	25.0°C
	Humidity	60%

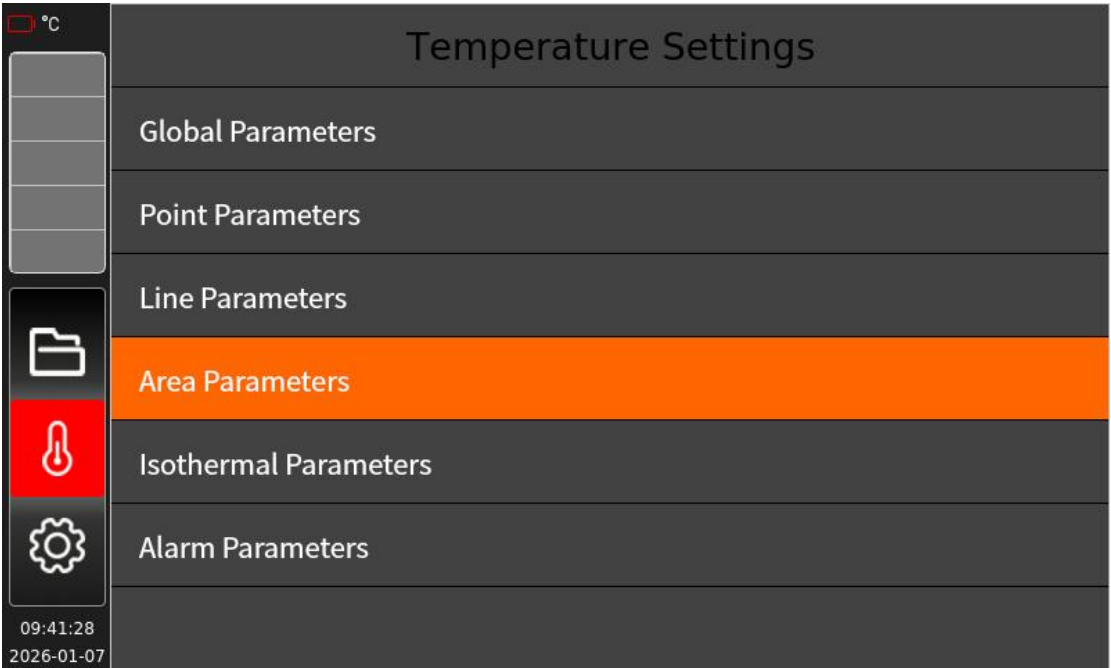
The mode for line 1 is set to "Horizontal" and cannot be changed. It means that line 1 can only be a horizontal line. The settings and parameter usage for the "Use Global Parameters" option are the same as those for the point parameter settings. Other parameters take effect when "Use Global Parameters" is set to "No".

The mode for line 2 is set to "Vertical" and cannot be changed. It means that line2 can only be a vertical line. The method for line 1 parameters settings are the same as line 1.

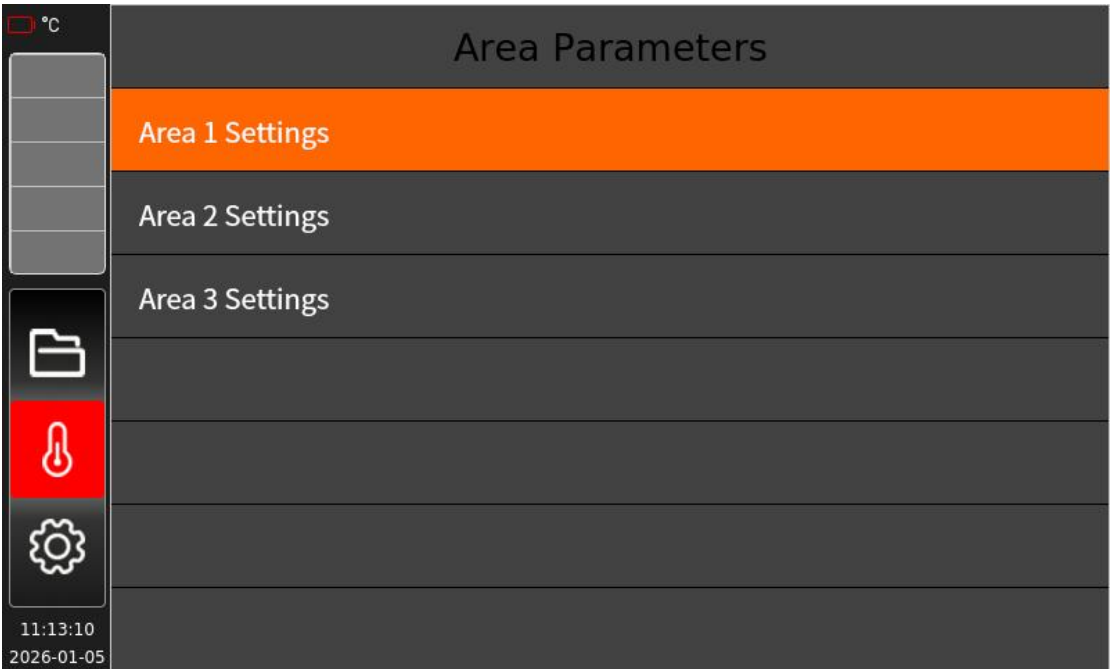
Line 2 Settings	
Mode	Vertical
Use Global Parameters	Yes
Emissivity	0.95
Distance	5.0Meters
Reflected Temp	25.0°C
Ambient Temp	25.0°C
Humidity	60%

3.7.4 Area parameter setting

Select “Area parameters” and press OK button to enter its interface, as shown below:



Then press the OK button to enter into the interface as shown below.

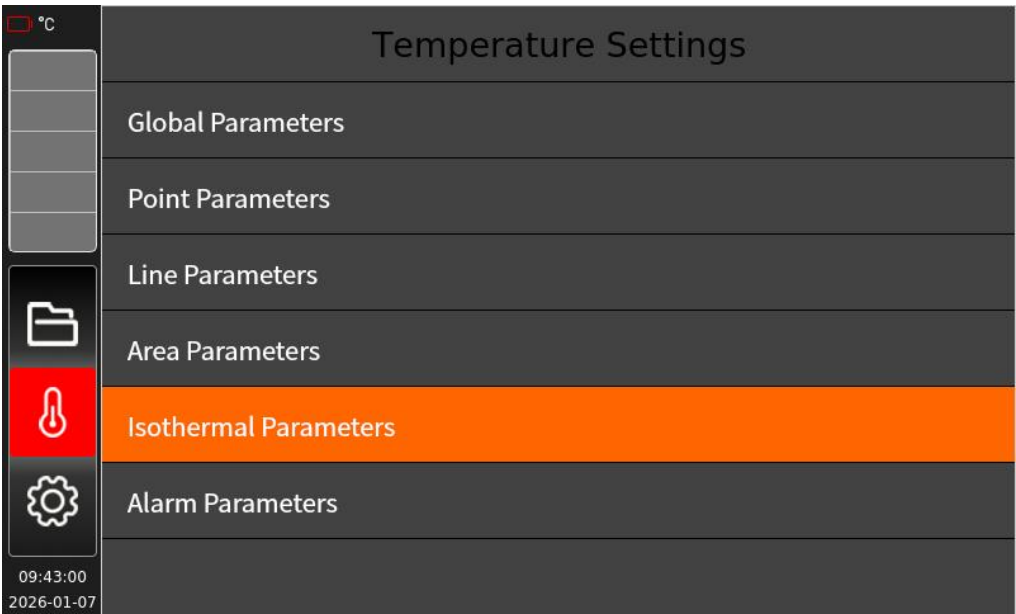


You can set the temperature measurement parameters for Area 1, Area 2, and Area 3. When the focus is on "Area 1 Parameter Settings," press the OK button to enter the settings interface, as shown below:

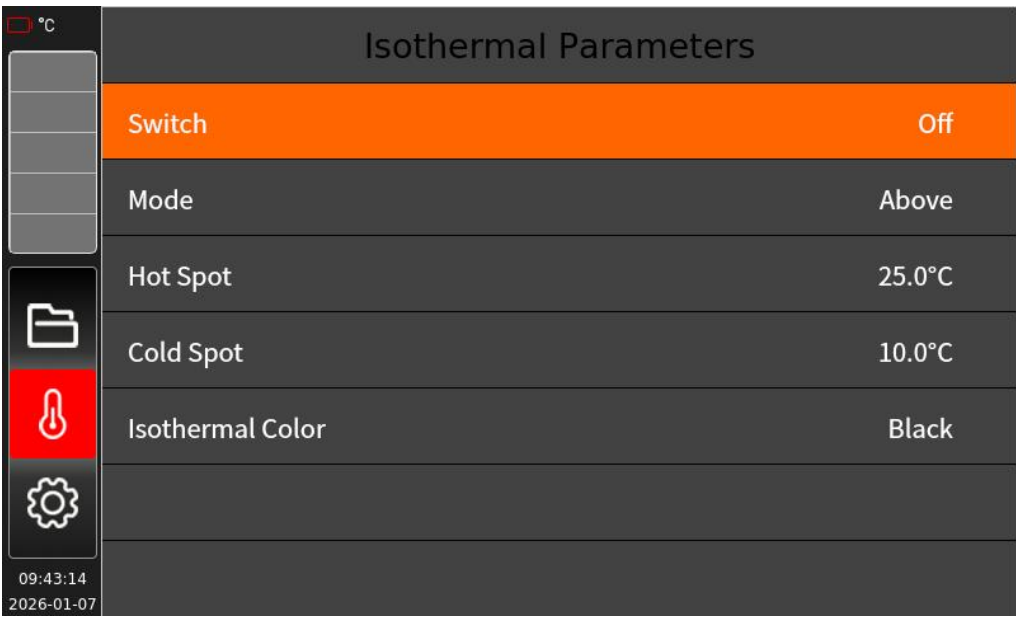
The parameter settings for Area 2 and Area 3 are similar to those for Area 1. Refer to the parameter settings for Area 1.

3.7.5 Isothermal parameter setting

Select “Isothermal parameters” and press OK button to enter its interface, as shown below:



Then press the OK button to enter into the interface as shown below.



The isothermal parameter settings include five parameters: switch, mode, hot spot, cold spot, and isothermal color.

(1) Switch

It is a isothermal display function switch to be set to ON/OFF. Press the OK button, and then press up/down button to adjust.

(2) Mode

The mode can be set to "above", "outside range", "within range", or "below".

If you set the mode to "Above", the spot color will change to the color specified in "Isothermal Color" when the screen spot temperature exceeds the "hot spot" setting. For example, if the isothermal color is black and the temperature is above 25°C, the spot will turn black.

If the mode is set to "Below", the spot color will change to the color specified in "Isothermal Color" when the screen spot temperature drops below the "cold spot" setting. For example, if the isothermal color is black in the screenshot above, the spot will turn black when the temperature falls below 10°C.

If the mode is set to "within range", the spot color will match the "Isothermal Color" setting if its temperature falls between the "High Point" and "Low Point" values. For example, if the isothermal color is black, the point will display black when the temperature is below 25°C but above 10°C.

When the mode is set to "Outside range", the color will match the "Isothermal Color" setting if its temperature exceeds the "High Point" or falls below the "Low Point". For example, if the isothermal color is black, the point will turn black when the temperature is above 25°C or below 10°C.

(3) Hot spot

The hot spot is the threshold value for the temperature measurement range. The range is 10.1~100°C. Press the OK button, then press the up/down button to modify.

(4) Cold spot

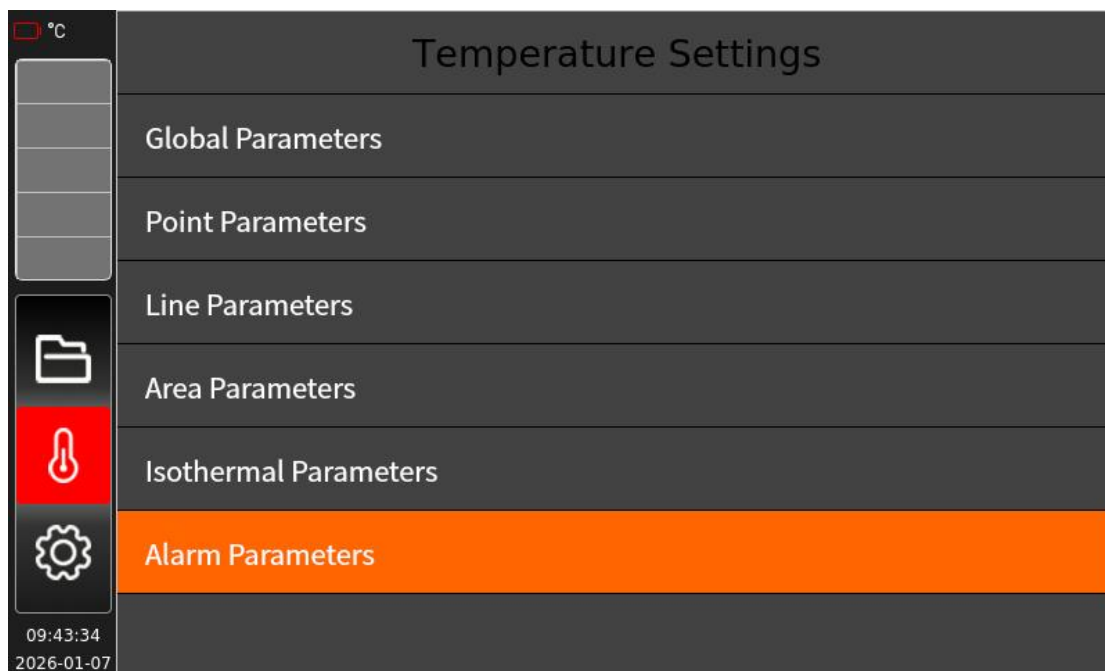
The cold spot is the low temperature threshold of the temperature measurement range. The range is -60 to 10°C. Press the OK button, then press the up/down button to modify.

(5) Isothermal color

It is the color for spot that meet temperature conditions. Options include black, red, green, transparent, and white. Press the OK button, then press the up/down button to modify.

3.7.6 Alarm parameter setting

Select the "Alarm parameters" bar and press OK button to enter its interface, as shown in below:



Then press the OK button to enter into the interface as shown below.

