



HIKMICRO Viewer App

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Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Note	Provides additional information to emphasize or supplement important points of the main text.

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Chapter 1 Introduction

Overview

HIKMICRO Viewer Mobile Client allows you to remotely manage and control handheld thermal / acoustic imaging cameras via Wi-Fi, 3G or 4G networks, and use the smartphone module via Type-C connection. After logging in to a device on the Mobile Client, for thermal cameras, you can do operations such as viewing live video, detecting the variation of temperature, measuring real-time temperature, measuring temperatures of points and areas on captured pictures, and generating reports after analyzing captured pictures; for handheld acoustic imaging cameras, you can perform live view, capture images, calculate leak cost, view partial discharge types, export report, etc.

Note

- Wi-Fi, 3G or 4G access service must be supported by mobile device.
 - Network traffic charges may be produced when using the Mobile Client. Please refer to the local ISP.
-

System Requirements

Android 7.0 or later versions

Conventions

To simplify description, we define "HIKMICRO Viewer Mobile Client" as "the Mobile Client", and "smartphone module and handheld thermal camera" as "device" in the following chapters.

Chapter 2 Download the Mobile Client

You can download the Mobile Client through the following method.

Android

Scan the QR Code below to download the Mobile Client.



Figure 2-1 QR Code

Chapter 3 Log in to Device

The software provides two methods for searching for handheld thermal / acoustic imaging cameras, namely, automatically detecting camera(s) in the same LAN with the mobile device, and scanning the camera's hotspot QR code. After that, you can log in to the camera and perform further operations such as temperature measurement and device firmware upgrade on the software. For smartphone thermal cameras, after logging in to the camera, you can perform further operations such as live view and temperature measurement on the software.

3.1 Handheld Thermal / Acoustic Imaging Camera

3.1.1 Log in to Detected Online Device

If the software fails to detect device in the same LAN with your mobile device, try manually logging in to the device.

Steps

1. Connect your device and mobile device to the same Local Area Network (LAN).

Method 1 Connect your mobile device to the device's hotspot (Most Recommended).

Method 2 Connect device(s) to your mobile device's hotspot.

Method 3 Connect device(s) and your mobile device's to a same Wi-Fi.



Note

If this is not the first time you connected the device to the mobile, you can tap **Help** to view the instructions for device connection.

2. On the home page, go to **Device Management > Add Device** to enter the Device Connection page.
3. Select device type.
The software starts searching the device(s) in the same LAN with the mobile device's, and then the detected device(s) will be displayed.
4. Tap **Connect** to log in to the device.

3.1.2 Scan QR Code to Add Device

Scan the hotspot QR code to establish a network connection and log in to the device quickly. You can view the live view and configure parameters.

Steps

1. Turn on the device, go to **Settings > Connection > Hotspot** to enable the function and view the hotspot QR code.

Note

The entry path of device may vary according to different products. Please refer to the actual product.

2. On the client, tap **Device Management > Scan QR Code**.
3. Select a device type.
The app starts searching the device(s) in the same LAN with the mobile device's, and then the detected device(s) will be displayed.
4. Scan the hotspot QR code on the device.
5. Tap **Join** to log in to the device.

Note

- If you have changed the hotspot password, rescan the hotspot QR code.
 - If the software fails to log in to a device, please disconnect your mobile device's Wi-Fi and try it again.
-

3.2 Smartphone Module

3.2.1 Log in to Smartphone Module

Smartphone module is an IR(Infrared) thermal imaging accessory with Type-C plug. After logging in to the device, you can perform operations such as temperature measurement. When you insert the smartphone module into the Type-C port of your mobile device, the device will be automatically logged in. You can go to **Device Management > Live View** to view the image.

Note

- In live view page, tap × to return to the home page.
 - If you can't log in to a device after several attempts, please tap **Compatibility List of Device** to check the compatibilities of the software, and tap **Upload Log of Issue** to upload the issue log to the registered mailbox.
-

3.3 Device Settings

On the Device Settings page, you can view device information, edit device name, upgrade device firmware, control live view audio, log out device, etc.

After logging in to a device, you can go to **Device Management** > **Device Info** to enter the Device Settings page.

Smartphone Module

Skin-Surface Measurement

When **Skin-Surface Measurement** is enabled, the skin-surface temperature will be automatically adjusted to the core body temperature. This function is only supported by temperature screening smartphone modules.

Frame Rate

You can set the frame rate of the smartphone module. This function should be supported by smartphone module.

Help

You can view the quick start guide for smartphone modules.

Factory Reset

Restore the device to its factory settings.

Handheld Thermal / Acoustic Imaging Camera

View Device Information

You can view the device information including device model, serial number, and the current device firmware version.

Edit Device Name

You can customize the name of a device to distinguish it from other devices when searching online devices.

Note

The device name should contain 1 to 16 characters.

Device Upgrade

When a new version of device firmware is available, **New Version** will be displayed in red in the **Device Upgrade** field.

You can tap **New Version** and then follow the prompts to download the upgrade package and then upgrade the device firmware.

Note

- Downloading upgrade package is only available in the Wide Area Network (WAN). You should switch to the WAN first if your mobile device is not connected to the WAN.
 - When upgrade completes, the device will be automatically rebooted. And during rebooting, the device will be temporarily unavailable for logging in to.
 - You can also check the firmware version by entering **Device Management > Device Upgrade**.
-

Feedback on Device Error

You can send us feedback on device error via e-mail with error logs attached.

Control Live View Audio

You can switch on **Sound** to receive and play the live audio of the device.



Delete Device

Tap **Delete Device** to unbind device, or delete device information.

Chapter 4 Live View

After connecting the device, on the Device Management page, tap **Live View** to start live view, during which you can capture images, record videos, etc.

Note


- For handheld thermal / acoustic imaging cameras, during live view, tap / to lock/unlock the screen orientation. For acoustic imaging cameras, the app supports live view only.
- For smartphone thermal cameras, when the device detects a temperature which is equal to or higher than the set value in live view, a high-temperature alarm icon will appear at the top of the screen. Your mobile device will vibrate and meanwhile its pre-set prompt tone will be played.

4.1 Thermal Camera

4.1.1 Set Temperature Range


You can set the temperature range of the device. This function is only supported by smartphone modules.

Steps

1. Tap .
2. Select a temperature range.
3. Tap **Confirm**.

4.1.2 Switch Image Mode


You can switch the image mode for captured images.

Tap  to select an image mode.

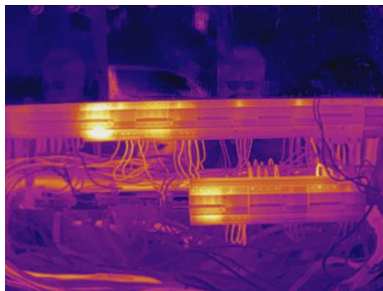

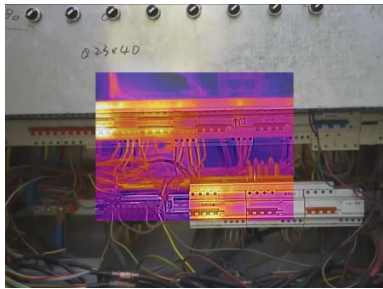

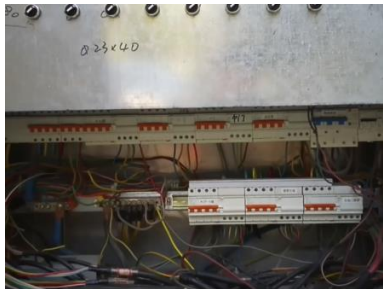

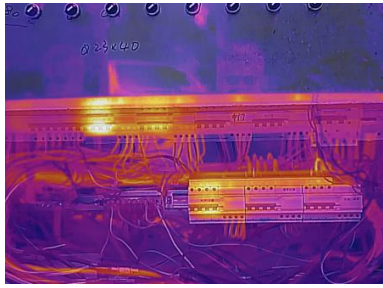

Note

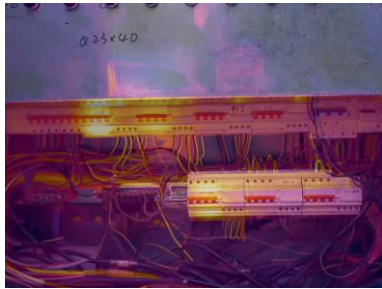
The image mode icons displayed are dependent on the device capability.

Table 4-1 Image Mode Descriptions

Icon	Name	Description
	Thermal	In thermal mode, the device displays thermal view.


HIKMICRO Viewer App

Icon	Name	Description
		
	PIP	<p>In PIP (Picture in Picture) mode, the device displays thermal view inside visual view.</p> 
	Visual	<p>In visual mode, the device displays visual view.</p> 
	Fusion	<p>In fusion mode, the thermal view and the visual view are combined.</p> 
	Blending	Drag the slider to the left

Icon	Name	Description
		and right to adjust the thermal/visual balance. 

4.1.3 Display Visual View Window


During live view, you can open the visual view window to view the live video of the mobile device's camera. This function is only supported by smartphone modules.

On live view page, tap  **Visual** to display the visual view window. You can drag the window to a side of the live view, and it will automatically snap to the nearest corner.

4.1.4 Set Measurement Parameters

Before temperature measurement, you should set measurement parameters including emissivity, background temperature, etc. Inappropriate measurement parameters will affect the accuracy of temperature measurement.

Steps

1. Tap .
2. Set the parameters.



Set the value to the emissivity of the target material.



Note

The emissivity of the surface of a material is its effectiveness in emitting energy as thermal radiation. See [Common Material Emissivity Reference](#) for emissivity of common materials.



Set the straight-line distance (unit: m) between the target and the device.



Set the temperature range. Only supported by smartphone modules.



Set temperature unit. You can select Celsius, Fahrenheit, or

Kelvin.

4.1.5 Set High Temperature Alarm

You can set a high temperature alarm threshold. When the device detects a temperature which is equal to or higher than the set value in live view, a high-temperature alarm icon will appear at the top of the screen. Your mobile device will vibrate and meanwhile its pre-set prompt tone will be played.

Steps



Note

This function is only supported by smartphone modules.

1. Tap .
 2. Select .
 3. Enable **High Temp**.
-



Note


For thermographic smartphone module, if you have set more than one rectangles on the live video image, and if one of these rectangles has first detected the abnormal temperature and triggered the high-temperature alarm, the other rectangle(s) will not trigger the high-temperature alarm.

4. Set the high temperature threshold.
5. Tap **OK**.

4.1.6 Set Color Distribution

You can change the distribution of colors in the live video image. A different color distribution allows you to analyze the image more easily and thoroughly. This function is only supported by smartphone modules.

Steps

1. Tap .
2. Tap **Color Distribution**.
3. Select a color distribution type.

Hitogram

Suitable when the temperature span of an image is large.

Linear

Suitable when the temperature span of an image is small.


Note

The temperature span is the temperature range between the highest temperature and the lowest temperature of the image.








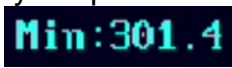



4.1.7 Add Point Measurement Tool

The app can locate the point with the highest temperature, the point with the lowest temperature, and the center point on the live video image. You can view the above-mentioned points' real-time temperatures during live view.

Note

If you have started live view for a long time, you should tap  to calibrate the device first to ensure the accuracy of the temperature measurement.

Tap  to select a point tool.

- Tap  to display the real-time temperature of the center point of the live video image as .
 - Tap  to display the point with the highest temperature as  and its real-time temperature as  on the image.
 - Tap  to display the point with the lowest temperature as  and its real-time temperature as  on the image.
 - Tap  to display the custom point with its real-time temperature as  on the image. You can drag to move the point to get real-time temperatures at different locations. And tap  to delete the point. For handheld device, up to 3 custom points are supported.
-

Note

- For temperature screening smartphone modules, such as Mini, you can set only one point on the live video image.
 - For thermographic smartphone modules, such as Mini 2, you can set up to 3 points on the live video image.
 - Tap the tool icon again to hide the tool on the image.
 - Tap **Clear** to clear all measurement tools.
-


4.1.8 Add Rectangle Measurement Tool

You can lay out rectangles on the live video image and the app will measure the highest temperature, lowest temperature, and average temperature in the rectangle.

Steps

1. Tap  >  to add a rectangle on the live video image.

Note

- For smartphone modules, you can also click  and drag to draw a rectangle measurement tool on the image.
- Tap the tool icon again to hide the tool on the image.
- Tap **Clear** to clear all measurement tools.

2. Optional: Edit the rectangle.

Move Rectangle	Drag the rectangle to move it.
Delete Rectangle	Tap Delete above the rectangle to delete it.
Resize Rectangle	Drag a vertex of the rectangle to resize the rectangle. You can also spread fingers apart and pinch them together inside the rectangle to adjust its shape and size.

3. Tap areas outside of the rectangle on the image to confirm the rectangle settings.
The highest temperature, lowest temperature, and average temperature in the rectangle will be displayed.

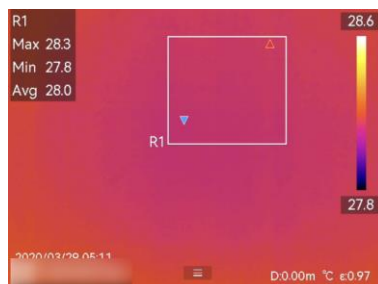


Figure 4-1 Rectangle's Temperature


4. Optional: Tap the image and then tap the rectangle to edit the rectangle again.

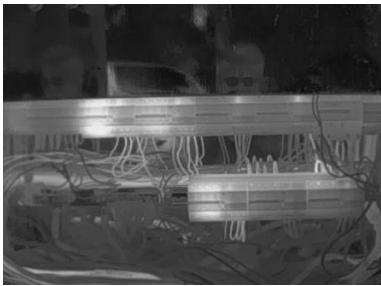
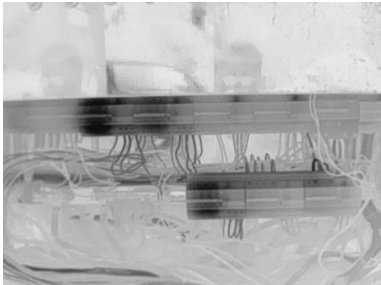
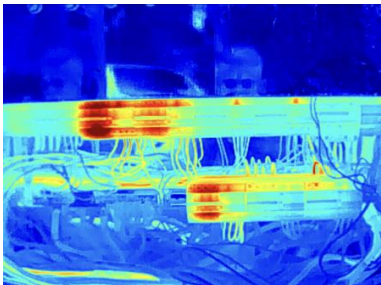
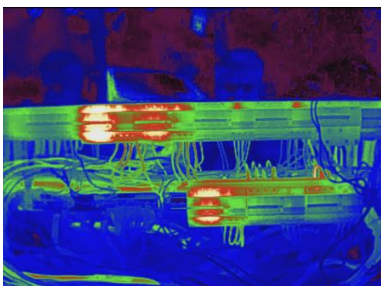
4.1.9 Set Palettes

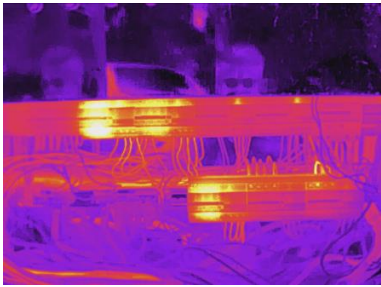
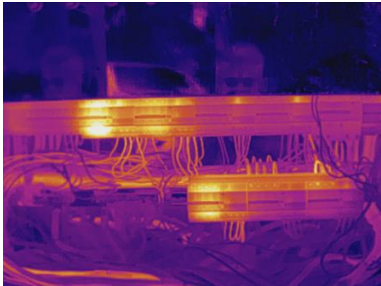

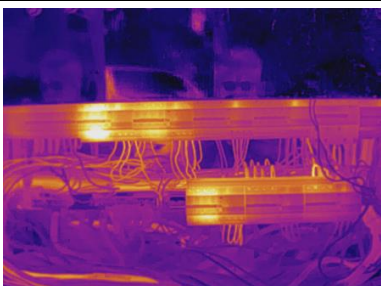
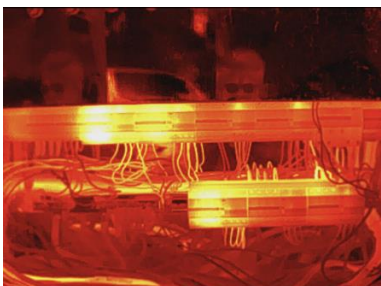
The palette is the color scheme used to display a thermal image. You can select different palettes modes, including white hot, black hot, fusion, rainbow, ironbow, red hot, and rain.

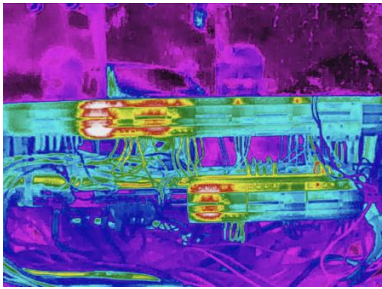
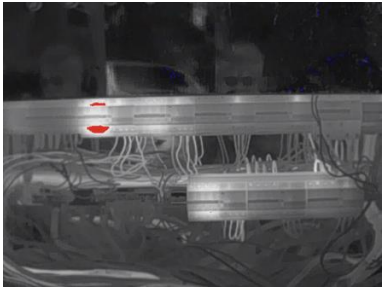
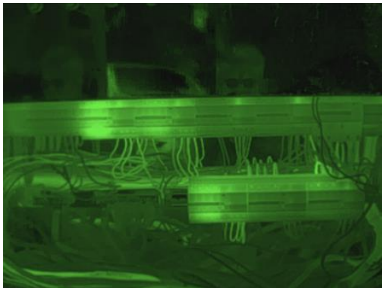
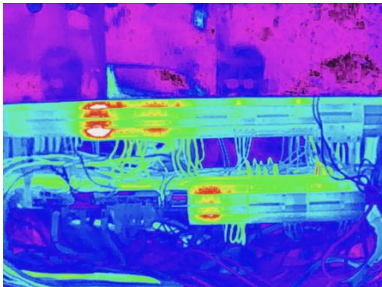
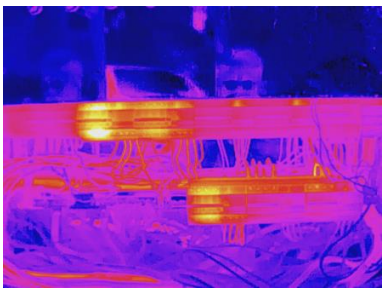
Note

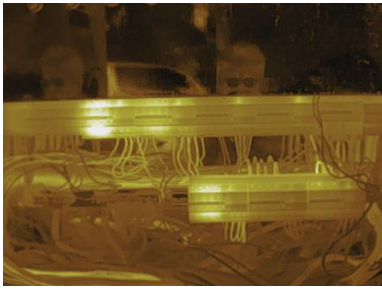
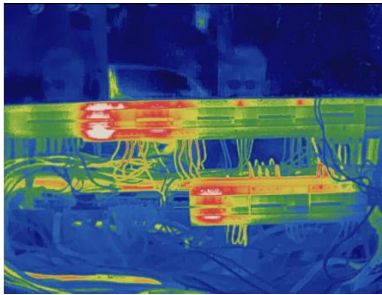
For handheld thermal camera, in optical mode, palettes settings is not supported. See ***Switch Image Mode*** for details.

Tap  and then select a palettes mode.

Palettes	Example
White Hot	
Black Hot	
Blue Red	
Rainbow	

Palettes	Example
Ironbow1	
Ironbow	
Red Hot	
Fusion1	
Fusion	

Palettes	Example
Rain	 A thermal image of a car engine compartment using the 'Rain' color palette. The image shows various components of the engine, with colors ranging from dark purple (cooler) to bright yellow and red (warmer), highlighting the distribution of heat across the engine parts.
Ice Fire	 A thermal image of a car engine compartment using the 'Ice Fire' color palette. The image is predominantly black and white, with a few small, bright red and white spots indicating areas of high temperature or heat sources within the engine.
Green Hot	 A thermal image of a car engine compartment using the 'Green Hot' color palette. The image is mostly black, with a few bright green and yellow spots indicating areas of high temperature or heat sources within the engine.
Color1	 A thermal image of a car engine compartment using the 'Color1' color palette. The image shows various components of the engine, with colors ranging from dark purple (cooler) to bright yellow and red (warmer), highlighting the distribution of heat across the engine parts.
Color2	 A thermal image of a car engine compartment using the 'Color2' color palette. The image shows various components of the engine, with colors ranging from dark purple (cooler) to bright yellow and red (warmer), highlighting the distribution of heat across the engine parts.

Palettes	Example
Sepia	
Dark Blue	

4.1.10 Adjust Level & Span

Changing the temperature levels can make it easier to analyze a temperature anomaly. There are two modes for adjusting the temperature scale, including Auto and Manual. This function is only supported by the smartphone module.






Go to **Live View**, and tap  to enable the function. In the live view, tap icons at the end of the palette bar to switch it to  and .

Table 4-2 Adjust Level & Span

Mode	Description
 Manual	Hold and drag the end of the palette bar to manually adjust the maximum temperature and the minimum temperature respectively to expand or reduce the temperature span. Hold and drag the middle of the palette bar, moving up and down to change the level and keep the span.
 Auto	The software adjusts the temperature range automatically.

4.1.11 Manually Record Video and Capture Picture

You can record video manually and capture pictures during live view.

Steps

Note

You can go to Settings page to set the capture mode. For details, refer to


1. Log in to the device.
-

Note



See *[Log in to Device](#)* for details.

2. Record video or capture pictures.

Capture Picture

- Tap **Picture** >  to capture a picture.
- Press the Volume Up button of the mobile device to capture pictures. The interval for capturing pictures is 1 second.

Record Video

Tap **Video** >  to start recording the live video and then tap  to stop.

Note

- Make sure there are at least 512 MB available storage space on your mobile device.
 - The valid recording duration is from 2 seconds to 2 minutes.
-

The recorded videos and captured pictures can be viewed and managed in Albums. For details, refer to *[Picture and Video Management](#)*.

4.1.12 Start Two-way Audio

Two-way audio enables the voice talk between the Software and the device, allowing you (the Software user) and the device user to communicate mutually in real time. You can do remote instruction by two-way audio instead of instruction on site to avoid the risk of safety.

Note

This function is only supported by handheld thermal cameras.

After log in to a device on the Software, tap  to start two-way audio.

Note

If you receive phone call or exit the Software during two-way audio, two-way audio will be ended.

Chapter 5 Picture and Video Management

In Albums and On-Device Files, you can view and manage the recorded video files and the captured pictures. For the captured pictures, you can measure the temperatures of the points and rectangles on the picture, set alarm temperature to highlight temperature exceptions, set different palette modes for thermal analysis, and generate reports after analyzing captured pictures.

Note



In Albums, there are two pictures and one video which can be used for demonstration.

5.1 Thermal Image

5.1.1 View Pictures

You can view the captured pictures in Albums.

Steps

1. On the home page, tap **Albums**.
2. Optional: Select **All**, **Picture**, or **Video** to filter files.
3. Tap a specific picture to view the original picture.
4. Optional: Tap  >  to edit the picture.

Change Temperature Unit

Tap **Temp. Unit** to switch the temperature unit displayed on the picture.

Set Remark



Tap **Remark** to add a remark for the picture.

View Device Information

Tap **Device Info** to view the device model and the device serial number.

5. Optional: Save the settings.
 - Tap **Save** > **Save as** to save it as a new picture.
 - Tap **Save** > **Overwrite** to overwrite the original picture.


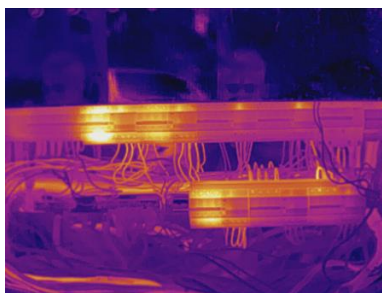

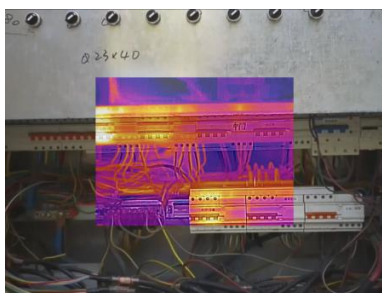



5.1.2 Switch Image Mode




You can switch the image mode for captured images. On the home page, tap **Albums**, and select a picture/video. Tap  >  to switch the image mode.

Note

The icons displayed are dependent on the device capability.



Table 5-1 Image Mode Descriptions

Icon	Name	Description
	Thermal Mode	In thermal mode, the device displays thermal view. 
	PIP Mode	In PIP (Picture in Picture) mode, the device displays thermal view inside visual view. 
	Visual Mode	In visual mode, the device displays visual view. 
	Fusion Mode	In fusion mode, the device displays the combined view of thermal channel and visual channel.

Icon	Name	Description
		
	Blending	<p>Drag the slider to the left and right to adjust the visible light ratio.</p> 

5.1.3 Set Measurement Parameters

Before temperature measurement on a captured picture, you should set measurement parameters such as emissivity and distance for more accurate results.

Tap  >  to set parameters.

Emissivity

Set the value to the emissivity of the target material. The default value is 0.97.

Note

The emissivity of the surface of a material is its effectiveness in emitting energy as thermal radiation. See [***Common Material Emissivity Reference***](#) for emissivity of common materials.

Distance

Set the straight-line distance (unit: m) between the to-be-measured object and the camera. The default value is 2 m.



Background Temp.

Set the reflected temperature of the measurement object. Usually, it is the environment temperature.

After setting the parameters, tap **Save**, and select **Save as...** to save the picture as a new picture, or **Overwrite** to overwrite the original picture.

5.1.4 Add Point Measurement Tool

You can view the point with the highest temperature, the point with the lowest temperature, the center point, as well as the temperature on any other point on the captured picture.

Tap  >  to select a point measurement tool.

Note

You can tap **Clear** to clear all measurement tools on the picture.

Center Point

Display the center point of the picture and its temperature.

Hot Point

Display the point with the highest temperature on the picture.

Cold Point

Display the point with the lowest temperature on the picture.

Custom

Display a movable point and its temperature on the picture. You can drag the point and its temperature will change accordingly.

Note

You can add up to 3 custom points.




5.1.5 Add Rectangle Measurement Tool

You can add rectangles on the captured picture and the app can measure the highest temperature, lowest temperature, and average temperature in the rectangle.

Steps

Note

You can set up to 3 rectangles on the captured picture.

1. Tap  to enter the editing mode.
 2. Tap  and slide right to select  to add a rectangle on the captured picture.
-

Note

All the added rectangles are displayed at default locations and have default size.

3. Optional: Edit the rectangle.

Move Rectangle

Drag the rectangle to move it.

Delete Rectangle

Tap **Delete** above the rectangle to delete it.

Resize

Drag a vertex of the rectangle to adjust the rectangle's shape and size.


You can also spread fingers apart and pinch them together inside the rectangle to adjust its shape and size.

4. Tap areas outside of the rectangle on the image to confirm the rectangle settings.
The the highest temperature, lowest temperature, and average temperature in the rectangle will be displayed.

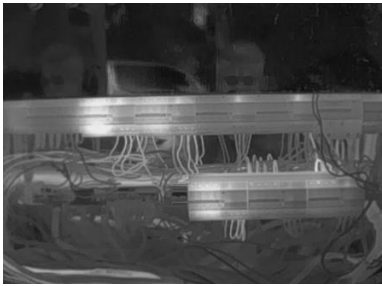
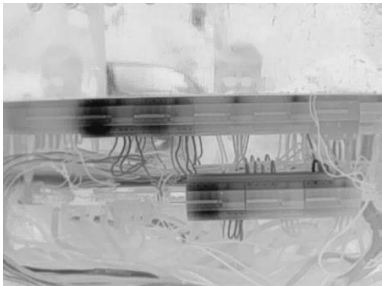
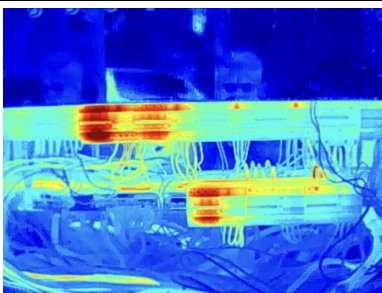
5.1.6 Set Palettes

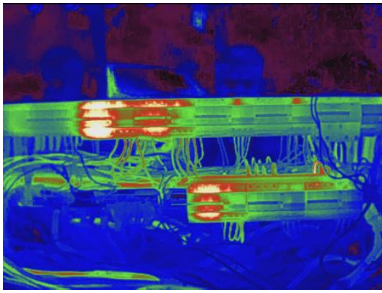
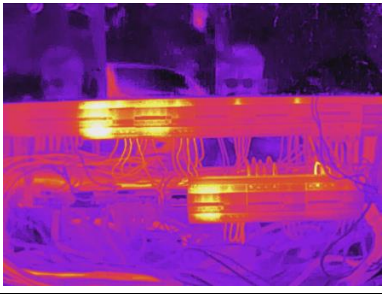

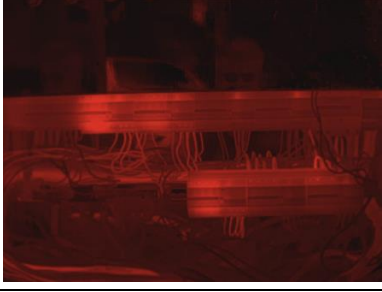
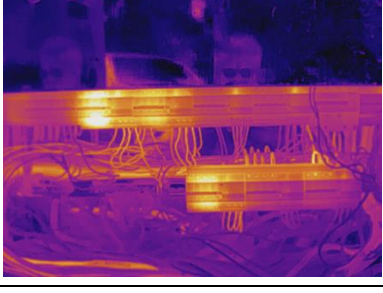
The palette is the color scheme used to display a thermal image. You can select different palettes modes, such as White Hot and Ironbow, for the captured picture.

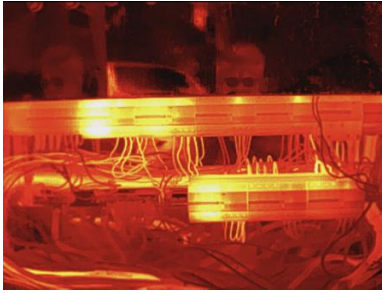
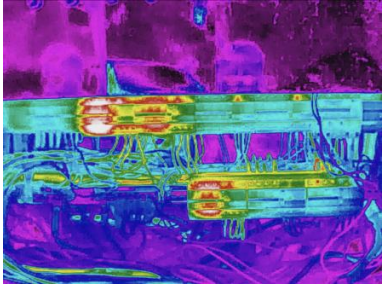
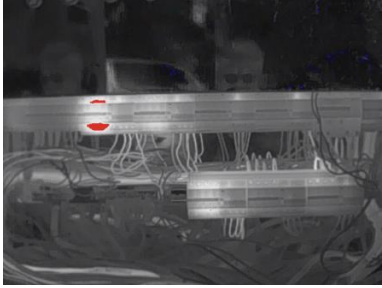
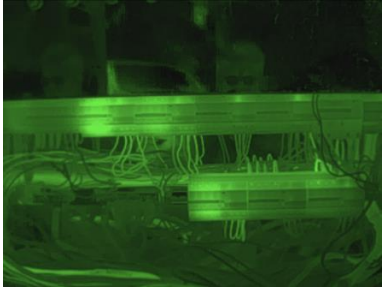
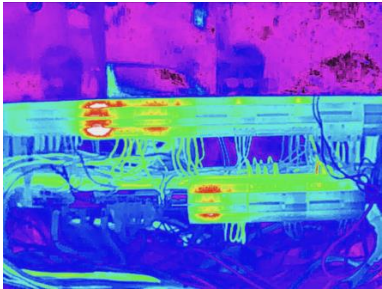
Select a picture, and tap .

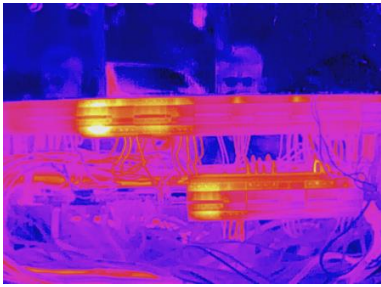
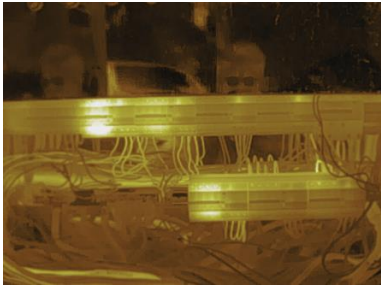
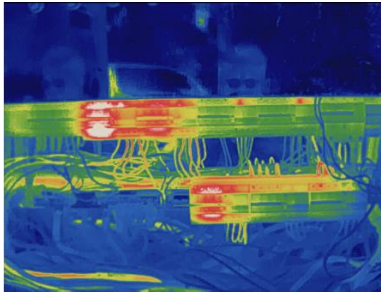
Select  to select a palette mode.

After setting palette mode, tap **Save**, and select **Save as...** to save the picture as a new picture, or **Overwrite** to overwrite the original picture.

Palettes	Example
White Hot	
Black Hot	
Blue Red	

Palettes	Example
Rainbow	
Ironbow1	
Ironbow	
Red Hot	
Fusion1	

Palettes	Example
Fusion	 A thermal image of a server rack using the Fusion color palette. The image shows a mix of warm colors (yellows, oranges, and reds) against a dark background, highlighting the heat signatures of the server components.
Rain	 A thermal image of a server rack using the Rain color palette. The image features a vibrant mix of colors including purples, blues, greens, and yellows, providing a high-contrast view of the heat distribution.
Ice Fire	 A thermal image of a server rack using the Ice Fire color palette. The image is predominantly grayscale with some white and light gray highlights, giving it a high-contrast, almost monochromatic appearance.
Green Hot	 A thermal image of a server rack using the Green Hot color palette. The image is dominated by shades of green, with brighter green and yellow areas indicating the hottest parts of the server.
Color1	 A thermal image of a server rack using the Color1 color palette. The image shows a mix of colors including purples, blues, greens, and yellows, similar to the Rain palette, highlighting the heat signatures of the server components.




Palettes	Example
Color2	
Sepia	
Dark Blue	

5.1.7 Adjust Level & Span of Picture

Set a temperature range to adjust the palette display of the captured picture, to show as many details as possible.



On the home page, tap **Albums** and select one picture. Go to **Edit > Level & Span**, there are three methods to adjust temperature range.

Table 5-2 Adjust Level & Span of Picture

Mode	Description
 1-Tap	Tap on an interest area of the picture. a rectangle is displayed around the area, and the temperature range readjusts to show as many details of the area as possible.
 Manual	Hold and drag the slider below the picture to adjust the maximum temperature and the minimum temperature.
 Auto	The client adjusts display level & span automatically.

5.1.8 Set Color Alarm

Alarm temperatures are for highlighting the parts with temperature exceptions in a captured picture. The temperature exceptions occur when there are temperatures higher/lower than the alarm temperatures, or when there are temperatures within or beyond an temperature interval. The parts with temperature exceptions will be marked with different colors.

Tap , and select  to set the alarm temperature.

Above Alarm

Areas with temperatures higher than the set alarm temperature will be shown in red. The settings can be used in scenarios such as determining if components running exceptions exist in power station.

Below Alarm

Areas with temperatures lower than the set alarm temperature will be shown in blue. The settings can be used in scenarios such as determining if components running exceptions exist in house inspection.

Interval Alarm

If the temperature of a part in the picture is within the configured interval, the part will be displayed in yellow. The settings can be used in scenarios such as detecting humans or other pets at night.

Insulation Alarm

The part in the picture with a temperature higher than the set maximum temperature will be displayed in purple; Lower than the set minimum temperature will be green. Within the set temperature interval will be black.

After setting the alarm temperature, tap **Save**, and select **Save as...** to save the picture as a new picture, or **Overwrite** to overwrite the original picture.

5.2 Acoustic Image

5.2.1 View Image Details


You can view details of partial discharge images and gas leak images. On the Home page, tap **Albums**. Select an image and tap **Details** at the bottom.

Partial Discharge Image

You can view partial discharge type, sound intensity, frequency, etc.

Gas Leak Image

You can view estimated leak size and calculate leak cost.

Tap  to set the unit price, currency, and calculation cycle. After setting, you can view the calculation result in **Leak Cost**.

5.3 View Pictures and Videos on Device





You can view, filter, download, and delete the pictures and videos stored on the camera's storage media. This function is only supported by handheld thermal cameras and acoustic imaging cameras.

Before You Start

Make sure the device has logged in to the Mobile Client.




Steps

1. On Device Management page, select a connected device, and tap **On-Device Files**.
2. Select a folder.
Pictures and videos in the folder will be displayed.
3. Optional: Perform the following operations.

Filter by File Type	Select All , Picture , or Video to filter files.
Filter by Time	Tap  to set the start time and the end time to view captured pictures and recorded videos of this time period.
Download Pictures or Videos	<ul style="list-style-type: none"> • Tap a specific picture or video and tap  to download the file from the camera's media storage to the app. Tap Albums on the Home page to view the downloaded file. • Tap  to select one or more pictures or videos, and tap  to download the selected files.

Note

If **Save Pictures to Mobile Device** has been enabled on the Settings page, the pictures will also be downloaded to the mobile device's photo album at the same time.

Delete Pictures or Videos	<ul style="list-style-type: none"> • Tap a thumbnail and tap . The picture or video stored on the camera's storage media will be deleted from the camera. • Tap  to select one or more pictures or videos, and tap . The selected pictures or videos stored on the camera's media storage card will be deleted.
----------------------------------	--


5.4 Generate Report

You can analyze captured pictures and generate a report (thermography, partial discharge, and gas leak). You can also edit the report, save it to your mobile device, or share it to others.

Steps


Note

- This function does not support analyzing videos.
 - The JPEG images downloaded from the device cannot be analyzed.
-

1. On the home page, tap **Albums**.
 2. Tap  to select pictures for analysis.
-


Note

Up to 30 pictures can be analyzed at a time.

3. Tap  to start generating the report.
 4. Enter the report name and the basic information, and tap **Next** to generate the report.
-


Note

You can go to Settings page to modify the default report basic information. For details, refer to

5. Optional: On the Edit Report page, you can enter notes on each page of the report.
 6. Tap  to preview the report.
-

Note



Editing the report is not supported during the preview.

7. Tap  to share the report to third-party applications or save it to the mobile device.

5.5 View Videos

You can view the recorded video files and capture pictures.

Steps

1. On the home page of the Mobile Client, tap **Albums**.
2. Tap a video file and tap  to play the video file.
3. Optional: Tap  to pause.

5.6 Save Pictures and Videos to Photo Album

You can save the captured pictures and recorded video files to the photo album of your mobile device.

Steps



You can only export the video file not larger than 120 MB to the photo album of your mobile device.

1. On the home page of the Mobile Client, tap **Albums**.
2. Tap to select pictures and tap to save pictures and video files to the photo album of your mobile device.

5.7 Share Pictures and Videos

You can share the captured pictures and recorded (or clipped) video files to other applications such as Message and Twitter.

Steps

1. Share a specific picture or video, or share the pictures and video files in a batch.



Only supports sharing videos in MP4 format.

- Tap a specific picture or video and tap , and then select an application to share it to the selected application.
- Tap and select pictures or video files, and then tap and select an application to share the pictures or video files to the selected application.

5.8 Delete Pictures and Videos

You can delete the pictures you captured or the videos you recorded.

Steps

1. Delete one or more files.
 - Select a specific picture or video and tap to delete the picture or video.
 - Tap and select pictures or videos, and then tap to delete the selected pictures and videos.
 - Check a date to delete all the files generated on this date.

Chapter 6 Local Settings

You can configure local settings for the Mobile Client, including auto login settings, sending feedback, etc.

Tap **Settings** on the Home page. You can configure the following parameters.

Contact Us

You can contact us to give your feedback via hotline, email, etc.

You can also tap **Feedback on App Error** to send us app error logs via email.

User Manual

View the user manual of the app (the user manual is based on the app of 2.2 version).

FAQ

You can view FAQs when needed.

General

Save Pictures to Mobile Device

After it is enabled, when you download on-device pictures or capture pictures with your device, they will be downloaded to the mobile device's photo album at the same time.

Capture Mode

Images/videos captured in Local mode will be saved to mobile device, and in Remote mode will be saved to camera's storage media. Remote mode should be supported by device.

Basic Information

Set default basic information of report.

Unit Price

Set the unit price, currency, and calculation cycle for calculating leak cost.

Clear Cache

Clear the caches (including the downloaded device upgrade package) of the Mobile Client.

Privacy

You can manage system permissions for the app, and view Personal Information Collection List, List of Information Shared with Third Party, personal information, Privacy Policy, and so on.

- You can cancel privacy policy authorization. After cancellation, you will be not able to access full service.
- You can check terms of services.

About

View and update software version, and view the Privacy Policy, Open Source License, and Software License Agreement.

Note

When there's a new version available, a red dot will appear on **About**, you can tap **About > Update Software Version** and then tap **Download** on the pop-up window to download the upgrade package and update the software version.

A. Common Material Emissivity Reference

The following table shows the emissivity value of some common materials.

Table A-1 Common Material Emissivity

Material	Emissivity
Human Skin	0.98
PCB	0.91
Cement Concrete	0.95
Ceramics	0.92
Rubber	0.95
Paint	0.93
Wood	0.85
Asphalt	0.96
Brick	0.95
Sand	0.9
Soil	0.92
Cotton	0.98
Cardboard	0.9
White Paper	0.9
Water	0.96



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