



FT Series
Firefighting Thermal Camera (**V5.5.73**)
Release Notes

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1 Introduction

The HIKMICRO FT Series is a high-performance firefighting thermal camera designed for firefighters to observe in total darkness and smoke, helping to save lives, protect property, and keep firefighters safe. Features like object details enhancement, easy-to-navigate buttons and a working temperature range of up to 260°C(500°F) help you work effortlessly in harsh environments. 8 color palettes for you to choose from satisfy most application scenarios.

This document introduces new features and optimizations in V5.5.73 of FT Series.

Version information

Item	Description
Firmware Version	V5.5.73 build240507
Algorithm Version	V2.1.9build 240308
Models	FT31




More information

- Mobile Client: HIKMICRO Viewer (only for the camera models with Wi-Fi and Hotspot)
<https://www.hikmicrotech.com/en/industrial-products/hikmicro-viewer-software/>
- PC Client for analysis and report: HIKMICRO Analyzer
<https://www.hikmicrotech.com/en/industrial-products/hikmicro-analyzer-software/>
- PC Client for USB Cast Screen: UVC Client
<https://www.hikmicrotech.com/en/industrial-products/uvc-client/>
- Welcome to visit our website and see more Compatibility Lists.
<https://www.hikmicrotech.com/en/support/download-center/compatibility/>

Upgrade camera with USB

Before upgrading your camera, make sure to fully charge your camera.






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1. Download new firmware from our website (<https://www.hikmicrotech.com/en/industrial-products/ft-series-firefighting-handheld-thermal-camera/>), and save it to your PC.
2. Use supplied USB cable (USB-C to USB-A) to connect the device to PC.
3. Press  to select **USB Drive** on the camera.
4. Copy the upgrade file and paste it to the root directory of the camera.
5. Disconnect the camera from your PC.
6. After upgrading, you can check the version information by pressing  and  together in live view interface.

2 New Features

2.1 Customize the function of holding trigger

FT Series of V5.5.73 allows you to customize the function of holding the trigger in live view. Follow the procedure below to customize the function of holding trigger.

1. In live view, press  and  to enter menu.
2. Press  to enter settings, and press  to select **Trigger Settings**.
3. Press  to set the function in live view.
 - **Record**: Hold the trigger in live view to start recording a video.
 - **Hold to freeze image**: Hold the trigger in live view to freeze the image, and press the trigger again to resume live view.

2.2 New changes in power-on/off and sleep mode






FT Series of V5.5.73 supports manual sleep mode and changes the operation of power button  in different scenarios. Follow the pop-up instruction or refer to the table below for detailed instructions.

Table 1-1 Power on/off and Sleep Mode Instructions of V5.5.73

Task	Operation	Result
Power on	Press  to power on the camera.	The camera enters live view interface after starting-up.
Power off	Hold  for over 6 seconds to shut down.	The camera is turned off to conserve battery power.
Sleep Mode	Hold  for 3 to 6 seconds to enter sleep mode and turn off the screen display. Press  again to wake up the camera.	The camera's screen is off, and the camera is still running and calibrating.

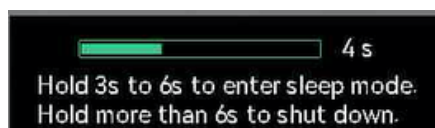












Figure 1-1 Pop-up Instruction






2.3 Playback recorded video clips on camera

FT Series of V5.5.73 allows you to playback recorded video clips on camera. Follow the procedure to playback the video clips.

1. In live view interface, press  and  to enter menu interface.
2. Select  to enter albums.
3. Press  to select an album folder and press  to enter.
4. Press  to browse files and press  to view the details.
 - Hold  to play the video.
 - When playing the video, press  to pause or resume.
 - When playing the video, press  to stop and return to the album.

2.4 New file naming rules

FT Series of V5.5.73 allows you to set the file naming rules. The files can be named after **Time Stamp** or **Numbering** (filename header + sequence number).






1. In live view interface, press  and  together to enter menu.
2. Select  to enter the system menu.
3. Press  to select **File Naming**, and press  to select a naming rule.
Time Stamp and **Numbering** are selectable.

2.5 Display file information on thumbnail

FT Series of V5.5.73 can display the information on the thumbnail of the snapshot or video, such as the file name and saving path.

2.6 Collect operation logs for troubleshooting

FT Series of V5.5.73 can collect camera's operation logs and save them to the camera's storage for troubleshooting. Follow the procedure to turn on/off this function.

1. In live view interface, press  and  together to enter menu.
2. Select  to enter the system menu.
3. Press  to select **Save Logs**, and press  to turn on/off this function.

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The operation log (.log files) is saved in the top directory of the camera's storage. You can connect the camera to your PC using the supplied USB-C to USB-A cable, and select **USB Drive** to access the camera's storage. When troubleshooting is necessary, please provide the operation logs to HIKMICRO tech support team or support@hikmicrotech.com.

3 Optimizations

HIKMICRO FT Series optimizes to improve your experience.

3.1 Optimize user interface

FT Series of V5.5.73 optimizes the user interface to provide important information and improve user experience.

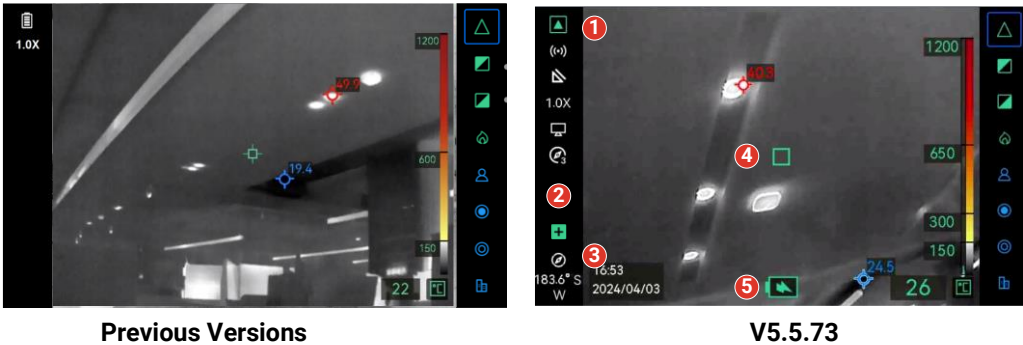











Table 3-1 New Changes in User Interface

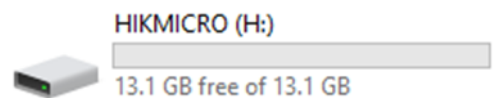
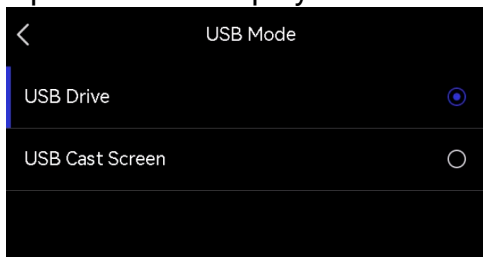
No.	Changes
1	High temperature mode indicator  . <ul style="list-style-type: none">● High temperature modes: Basic, black hot, white hot and fire detection modes.● Low temperature modes: Rescue, hot area, cold area, and building modes.
2	TI BASIC PLUS mode indicator  . It indicates that the camera is currently in the basic mode.
3	New geographic location display. For example, “183.6°SW” indicates 183.6 degrees southwest.
4	New icon  to mark the center of the live view.
5	New icon for battery status. <ul style="list-style-type: none">: Charging.: Fully charged.: 75% of charge.: 50% of charge.

No.	Changes
	 : 25% of charge. If it flashes, please charge your camera, otherwise the camera will automatically shut down soon.  : Battery exception.

3.2 Switch USB modes

FT Series of V5.5.73 allows you to set the USB mode of the camera every time you connect the camera to PC. Select a USB mode on camera after the camera is connected to PC.

- USB Drive: The camera works as a drive, and you can export the files to PC, or copy and paste the upgrade file to camera. Please note that the name of the drive is **HIKMICRO** after the camera's storage is initialized.
- USB Cast Screen: You can cast the camera's screen to PC via UVC protocol-based player.



3.3 Set-up instructions for first-time use

FT Series of V5.5.73 provides on-camera set-up instructions when you turn on the camera for the first time. You can follow the instructions to set the camera's language, time, and date, for better experience.

3.4 More optimizations

- Reduced the time of switching temperature.
- Improved image display.

4 FAQ on Upgrade

4.1 Why my PC failed to detect the camera as a USB drive?

Check the following items:

- Use a good quality USB-C to USB-A cable to connect your PC to your camera. The supplied cable is recommended. Normally, a cable should be able to charge a camera and transfer data.
- Select **USB Drive** as the USB mode.
- Keep the camera powered on.

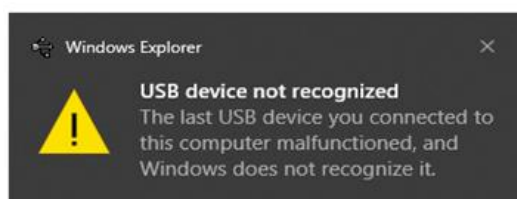
4.2 What should I do when my PC notifies power surge on the USB port?



Check the following items:

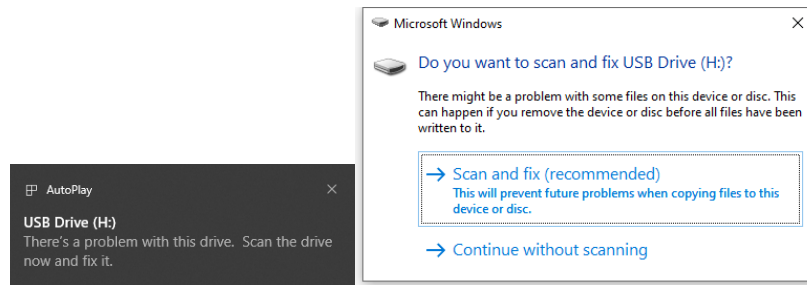
- When you are looking for an adapter of USB-C to USB-A, please choose an unpowered hub. A powered hub such as Surface Dock Station is not compatible.
- If you are using a built-in USB PowerShare port in your PC, please try another port.

4.3 What should I do when my PC notifies USB device not recognized?



In most cases, it does not affect use. You can just ignore the prompt and find the detected USB drive in **This PC**. If the USB drive is not found, please try to Restore/Initialize the camera.

4.4 What should I do if my PC notifies the USB drive has a problem to be fixed?



Some Windows computers will scan a USB drive when it is connected, and show the error. Click scan and fix, Windows will confirm the drive is fine and connect to it. You can also skip scanning and find the detected USB drive in **This PC**, which does not affect use in most cases.



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