

HIKMICRO Pocket Series
Pocket Thermal Camera (**V5.5.61**)
Release Notes

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Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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TABLE OF CONTENTS

1 Introduction 1

2 New Features 3

2.1 Real-time SuperIR in live view 3
2.2 UVC radiometric video streaming and recording via HIKMICRO Analyzer 3
2.3 Manually input asset ID 4
2.4 Set-up instructions for first-time use 4
2.5 Collect operation logs for troubleshooting 4

3 Optimizations 5

3.1 Switch USB modes 5
3.2 Join the same Wi-Fi of the camera via QR code 5
3.3 Improve scheduled capture mode 6
3.4 New file naming rules 6
3.5 Manual Sleep 6
3.6 More optimizations 6

4 FAQ on Upgrade 7

4.1 Why my PC failed to detect the camera as a USB drive? 7
4.2 What should I do when my PC notifies power surge on the USB port? 7
4.3 What should I do when my PC notifies USB device not recognized? 7
4.4 What should I do if my PC notifies the USB drive has a problem to be fixed? 8

1 Introduction

The pocket thermography camera is an ideal solution which provides accurate touch-free temperature measurement and heat distribution image display for electrical predictive maintenance, building inspection, HVAC inspection, manufacturing monitor, etc. HIKMICRO's pocket thermal cameras have been used widely in detecting temperature anomalies before detecting radiator efficiency for HVAC inspection, searching for heat loss in buildings, finding hot spots and invisible defects on mechanical or electrical systems that could indicate a potential problem. They are also used for surveying areas that are hard to reach with conventional measurement tools.

This document introduces new features and optimizations in V5.5.61 of Pocket Series.

Version information

Item	Description
Firmware Version	V5.5.61 build240205
Algorithm Version	V2.09.05
Models	Pocket1, Pocket2, PocketC

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:

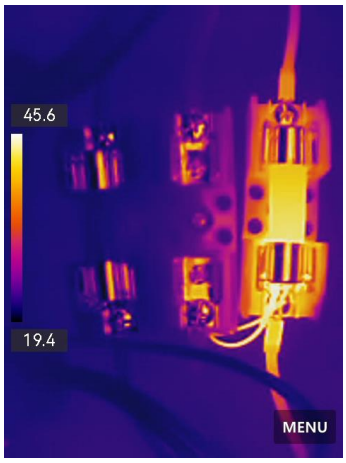
- Fully charge your camera
- Auto Power-off function is turned-off to avoid accidental suspension during upgrading.

1. Download new firmware from our website (*https://www.hikmicrotech.com/en/industrial-products/pocket-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. Open the detected disk on your PC.
4. Unzip the firmware, and copy and paste the .dav file to the root directory of the disk.
5. Disconnect the device from PC and reboot the device to start upgrading automatically. The upgrading lasts several minutes, please wait for the process to complete.

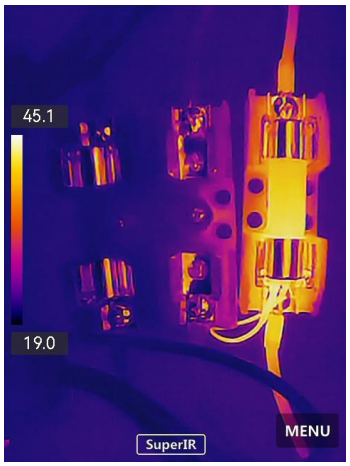
2 New Features

2.1 Real-time SuperIR in live view

Pocket2 and PocketC of V5.5.61 supports real-time **SuperIR** in live view to enhance the object outlines for better image display. Go to **Local Settings** > **Image Settings** > **SuperIR** to turn it on/off.



SuperIR OFF

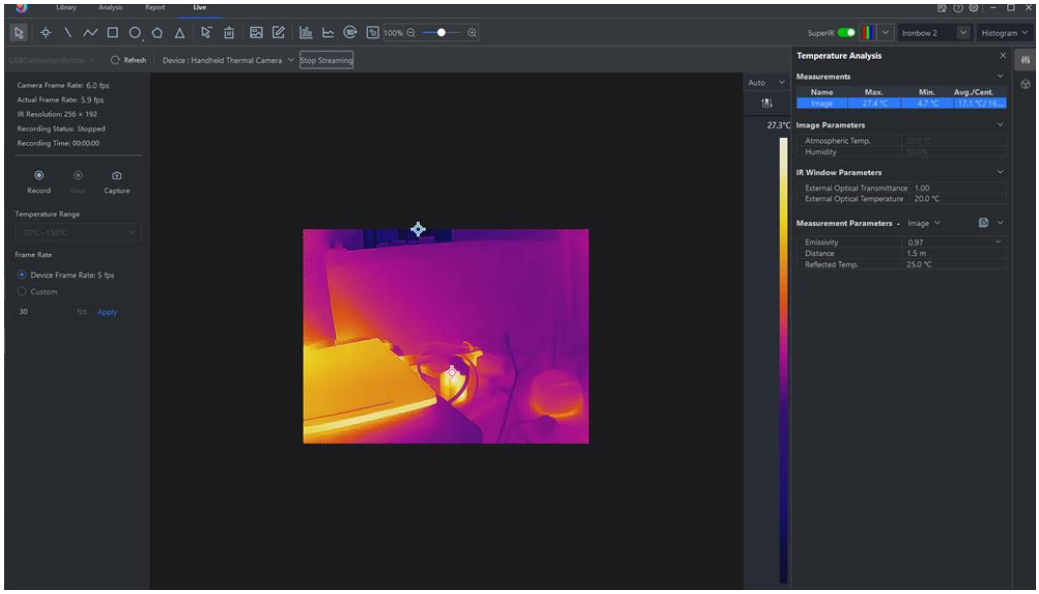


SuperIR ON

2.2 UVC radiometric video streaming and recording via HIKMICRO Analyzer

Pocket2 and PocketC of V5.5.61 supports radiometric video streaming and recording via HIKMICRO Analyzer.

1. Download HIKMICRO Analyzer from *https://www.hikmicrotech.com/en/industrial-products/hikmicro-analyzer-software.html*, and install it on your PC.
2. Connect the camera to PC using the supplied USB-C to USB-A cable.
3. Select the USB mode as **USB Cast Screen** in the prompt on your camera.
4. Run HIKMICRO Analyzer and view the live videos. For more operations of HIKMICRO Analyzer, please refer to the user manual of the software.



2.3 Manually input asset ID

Except for scanning the asset's QR code, Pocket Series of V5.5.61 allows you to enter the asset ID by typing on-screen keyboard. You can view the asset ID of the snapshot on HIKMICRO Analyzer.

2.4 Set-up instructions for first-time use

Pocket Series of V5.5.61 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 data, emissivity, and distance, for better experience.

2.5 Collect operation logs for troubleshooting

Pocket Series of V5.5.61 can collect camera's operation logs and save them to the camera's storage for troubleshooting. You can turn on/off this function in **Local Settings** > **Device Settings** > **Save Logs**.

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.

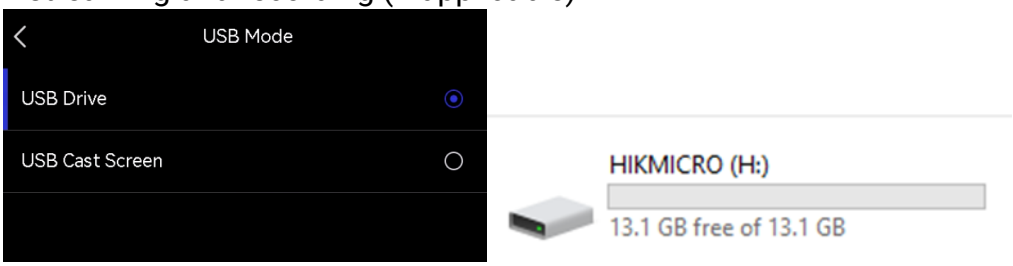
3 Optimizations

HIKMICRO Pocket Series optimizes to improve your experience.

3.1 Switch USB modes

Pocket Series of V5.5.61 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.

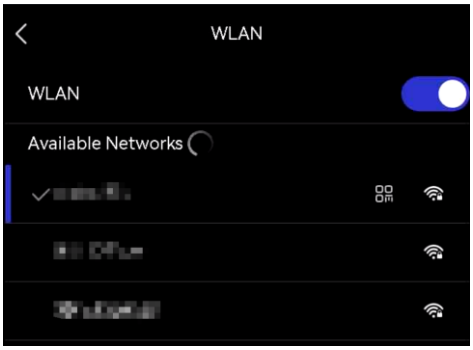
- USB Drive: The camera works as a drive, and you can export the files to PC, or copy and paste the upgrade file to camera. Please note that the name of the drive is **HIKMICRO** after the camera's storage is initialized.
- USB Cast Screen: You can cast the camera's screen to PC via UVC rotocol-based player or HIKMICRO Analyzer for UVC radiometric video streaming and recording (if applicable).



3.2 Join the same Wi-Fi of the camera via QR code

The camera models which support **Wi-Fi** of V5.5.61 allow you to use a mobile device to join the same Wi-Fi network that the camera is in by scanning Wi-Fi QR code. Follow the procedure:

1. Tap next to the joined Wi-Fi on camera to show the Wi-Fi QR code.
2. Scan the QR code using HIKMICRO Viewer on your mobile device.



3.3 Improve scheduled capture mode

Pocket Series of V5.5.61 supports the scheduled capture mode. You can set **Interval** (the time interval of each snapshot to be taken) and **Number** (the number of snapshots to be taken in a roll, ranging from 1 to 10,000) for scheduled capture. Press in live view, and the camera captures the set number of images according to the set interval. Press again to stop capturing.

3.4 New file naming rules

Pocket Series of V5.5.61 allows you to set the file naming rules. The files can be named after **Time Stamp** or **Numbering** (filename header + sequence number).

Go to **Local Settings** > **Capture Settings** > **File Naming** to set file naming.

3.5 Manual Sleep

Pocket Series of V5.5.61 supports manual sleep function to save power consumption. Press once to turn on the sleep mode when the camera is on, and press again to wake up the camera.

3.6 More optimizations

- Improved palettes display.
- Displays thumbnails of the files in the album instead of file names for better experience.
- Improves user interface (UI) design, and updated some menu names, such as **About** (where you can check the camera info.) and **Temp Measurement Settings** (where you can set temperature measurement parameters).
- Problems solved:
  - Unexpected automatic reboot of the camera after it is turned off.
  - Unexpected album named **.fseventsd** appeared in the local albums of the camera after it is connected to a macOS device.
  - Possible upgrade failure caused by insufficient camera's designated storage.

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.

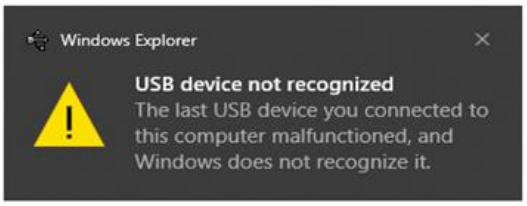
4.2 What should I do when my PC notifies power surge on the USB port?



Check the following items:

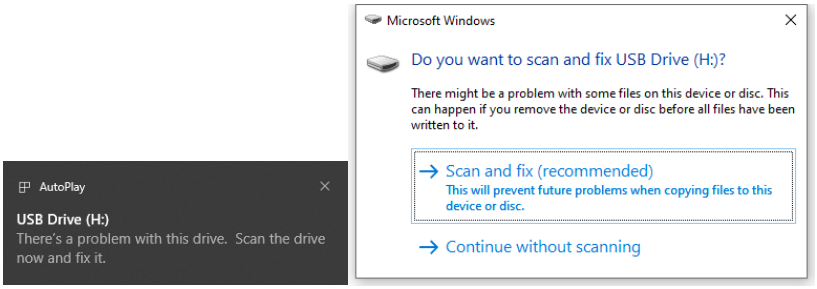
- When you are looking for an adapter of USB-C to USB-A, please choose an unpowered hub. A powered hub such as Surface Dock Station is not compatible.
- If you are using a built-in USB PowerShare port in your PC, please try another port.

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**.

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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