HIKMICRO M Series Handheld Thermal Camera (V5.5.15)

Release Notes

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the HIKMICRO website (www.hikmicrotech.com/).

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

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Chapter 1 Introduction

The handheld thermal 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 handheld 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 V5.5.15 of B1L, B2L.

1.1 Version information

Item	Description
Firmware Version	V5.5.15 build 240510
Models	B1L, B2L

1.2 Upgrade device with USB

Before upgrading your device, make sure:

- Device battery is fully charged.
- Auto Power-off function is turned-off to avoid accidental suspension during upgrading.
- USB Cast Screen function is turned off.

Step 1 Download new firmware from our website (https://www.hikmicrotech.com/en/industrial-products/m-series-handheld-thermal-imager/), and save it to your PC.

Step 2 Use supplied USB cable (USB type C to USB type A) to connect the device to PC.

Step 3 Open the detected disk on your PC.

Step 4 Unzip the firmware, and copy and paste the .dav file to the root directory of the disk.

Step 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.

Chapter 2 New Features

2.1 Random Password for Hotspot Connection

After update the camera firmware, a pop-up window recommends users to change the hotspot password for a stronger threshold of Hotspot access request. Click OK to let the camera change the password. The new password for Hotspot connection can be viewed in camera's Hotspot settings. Then every time when the camera restores, the Hotspot password changes

Chapter 3 FAQ on Upgrade

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

Check the following items:

- Use a good quality type A to type C USB 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.
- Keep USB Cast Screen function off.
- Keep the microSD card inserted and do not remove it during connection.
- Keep the camera powered on.

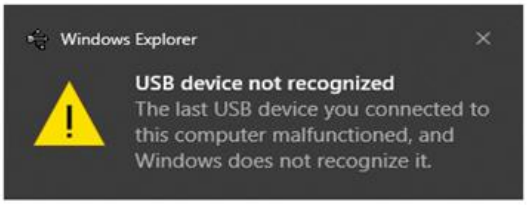
3.2 What should I do when my PC notifies power surge on the USB port?



Check the following items:

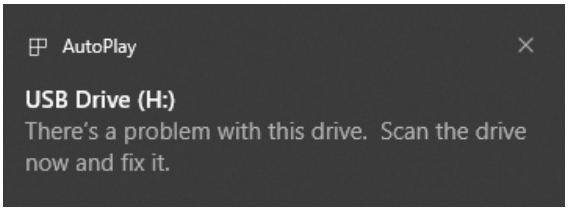
- When you are looking for an adapter of USB type C to USB type A, please choose an unpowered hub. A powered hub such as Surface Dock Station is not compatible.
- If you are using a built-in USB PowerShare port in your PC, please try another port.

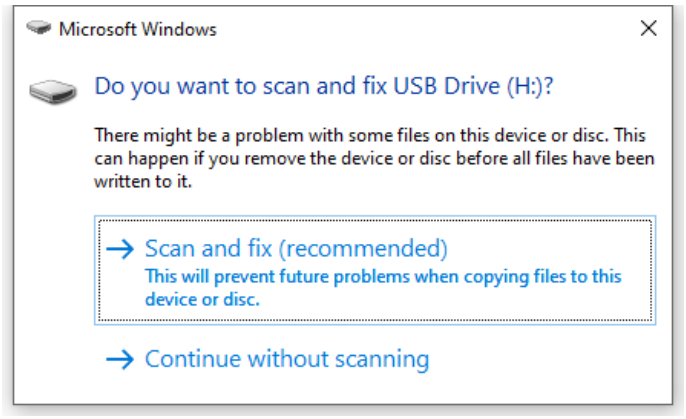
3.3 What should I do when my PC notifies USB device not recognized?



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.

3.4 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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