



B1L and B2L
Handheld Thermography Camera
(V5.5.15)
Release Notes

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Chapter 1 Introduction

HIKMICRO B series is designed for temperature measurement to find invisible faults. With the thermography ranging from -20 °C to 550 °C (-4 °F to 1022 °F), the device helps staff quickly find faults according to accurate temperature measurement of high temperature targets in the environment. The device can be used in various industries, such as Building, HVAC, and auto industry, etc.

This document introduces new features and optimizations in V5.5.15 of the products.

Version Information

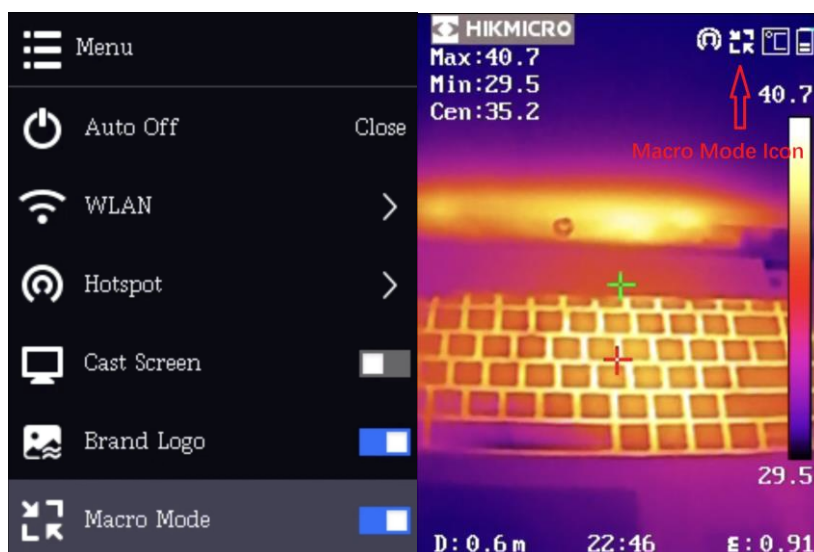
Item	Description
Firmware Version	V5.5.15 build 220509
Encoding Version	V7.3 build 220506
FPGA Version	HM-TP51-3AXF/W-B1L: V2.05.00 build20210426
Models	HM-TP52-3AXF/W-B2L HM-TP51-3AXF/W-B1L

Chapter 2 New Features

2.1 Macro Mode Supported

The handheld camera is capable of focusing on close small objects with a macro lens (purchase separately) installed and “Macro Mode” enabled.

Turn on “Macro Mode” after installing the macro lens. More information about the function:



- In Macro Mode, the following parameters are automatically adjusted.

Parameters	Value
Emissivity	0.91
Distance	0.6
Meas.Range	-20 °C to 150 °C
Image Mode	Thermal

Note

Settings of distance, measurement range and image mode are not changeable on device or by client in Macro Mode.

- After quitting the Macro Mode, the device settings restore to the previously saved parameters, and the measurement range is adjusted to Auto Switch.
- Temperature measurement accuracy: ± 3 °C or $\pm 3\%$ in -20 °C to 150 °C.
- The Macro Mode icon is displayed on live image when the function is on.

2.2 Brand Logo Display

Users can set to display or not display the HIKMICRO brand logo on left upper corner of the image.

2.3 Manual Level & Span Operating Convenience Improved

When the user chooses to tune the upper and lower limits of temperature range for display manually, the starting values are now adjusted to those in the previous auto mode.

Chapter 3 Important Notice

Once the handheld thermography camera is upgraded to this version (V5.5.15), it cannot return to the earlier firmware versions.



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