Thermal Image Clip-on
THUNDER 3.0 Series **(V5.5.148 build260227)**
Release Notes

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Chapter 1 Introduction

HIKMICRO THUNDER 3.0 series thermal image clip-on adopts advanced thermal imaging technology to get clear view in poor visibility or dark environment.

It helps to view the target and measure the distance. It can aim at the moving target and meet the outdoor condition. The device can be widely used in searching and rescuing, hiking, travel, etc.

This document introduces new features and optimizations in V5.5.148 of the products.

Version Information

Item	Description
Firmware Version	V5.5.148 build 260227
Models	All THUNDER 3.0 models
Mobile Client	HIKMICRO Sight, latest version

Chapter 2 Optimizations

HIKMICRO THUNDER 3.0 series thermal clip-on has been optimized to improve your experience.

2.1 Image Pro 4.0

- A self-adaptive imaging algorithm that automatically optimizes image parameters in typical scenarios—such as storefronts, outdoor environments, and exhibition lighting—ensuring the best possible visual performance without requiring frequent manual adjustments.
- The Image Pro 4.0 is set as default after update and switchable by changing the Auto Mode to either Detection Mode or Observation Mode in the menu.

2.2 Added Ballistic Calculation (For LRF models Only)

- Introduced a ballistic calculation feature for THUNDER 3.0 clip-on models equipped with a rangefinder.

  When enabled and the device is in Once Ranging Mode, the bullet drop value corresponding to the measured distance will be displayed in the live view, the ballistic holdover point will be indicated by "-----" in the display.

2.3 Other Updates

- Fixed occasional arc line image caused by heat haze.
- Fixed occasional white spots in moving scenes.

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