



Digital Day & Night Vision Scope/Clip-on
CHEETAH & CHEETAH LRF Series

V5.5.88 build240305 Release Notes

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Chapter 1 Introduction

The CHEETAH & CHEETAH LRF series digital day & night vision scope/Clip-on can perform in all ambient light. It has an advanced HD sensor and a high resolution OLED display, which provides full-color clarity in daytime and classic black & white viewing at night.

The device meets the needs of professional hunters who value traditions and seek technological superiority. The device is applicable for scenarios such as field and forest hunting, hiking, and rescuing.

This document introduces new features and optimizations in V5.5.88 of the products.

Version Information

Item	Description
Firmware Version	V5.5.88 build 240305
Models	HM-TR2E-32Q/W-C32F-S HM-TR2E-32Q/W-C32F-SL HM-TR2E-32Q/W-C32F-SN HM-TR2E-32Q/W-C32F-SNL HM-TR2E-32QW-C32F HM-TR2E-32Q/W-C32F-L HM-TR2E-32Q/W-C32F-N HM-TR2E-32Q/W-C32F-NL HM-TR2E-32Q/W-C32F-R HM-TR2E-32Q/W-C32F-RL HM-TR2E-32Q/W-C32F-RN HM-TR2E-32Q/W-C32F-RNL
Mobile App	HIKMICRO Sight, latest version

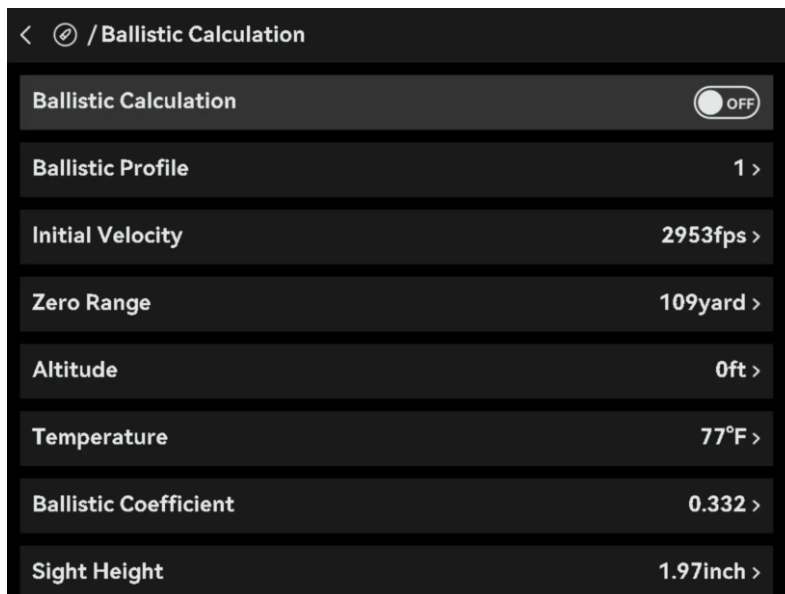
Chapter 2 Optimizations

HIKMICRO CHEETAH & CHEETAH LRF series digital day & night vision scope/Clip-on have been optimized to improve your experience.

2.1 Added Ballistic Calculation for Hunting

The function **Ballistic Calculation** has been added in this version. Which helps you have a better experience in various conditions. Multiple parameters are used in calculation to ensure precision and flexibility of use.

Furthermore, the unit in ballistic calculation function changes according to system settings.



Ballistic Calculation

Note:

This function is only available on CHEETAH LRF series digital day & night vision scope.

2.2 New Display Mode

Green and **Yellow** display modes have been added in this version, which provides you with more options.



Day



Night



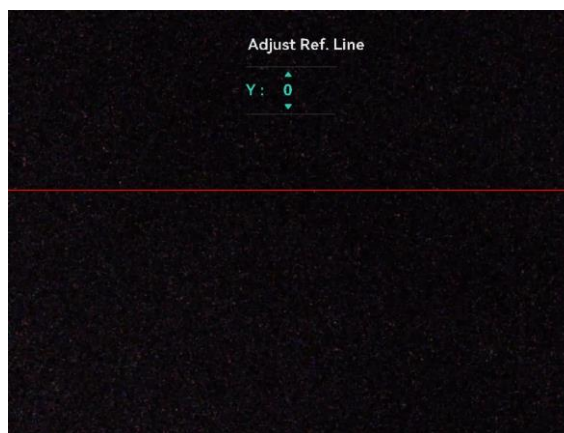
Green



Yellow

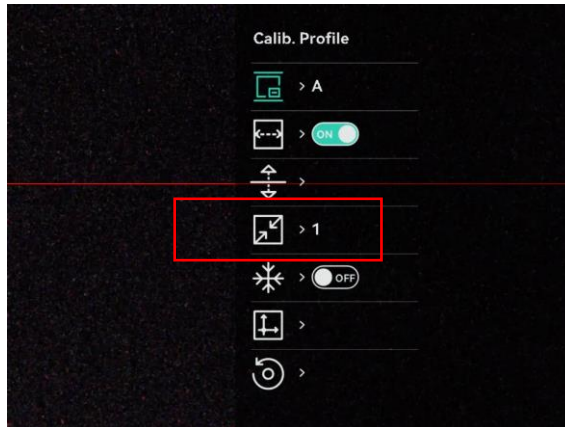
2.3 Image Calibration Setting

- In the new version, you can adjust the position of reference line in the image calibration menu.



Adjust Reference Line Position

- Support Menu Sizing adjustment to adapt to daylight scope with different magnifications.

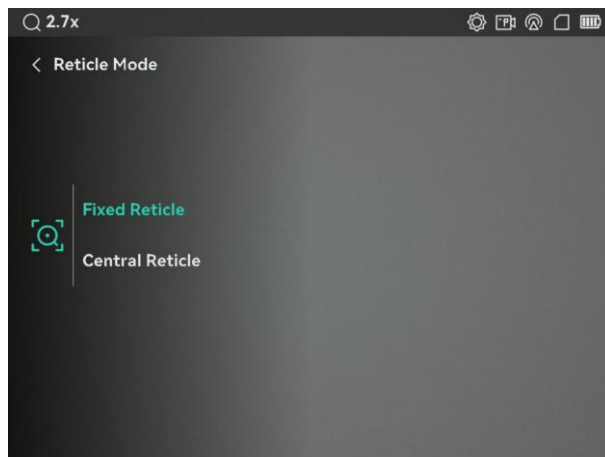


Note:

These two functions are only available on CHEETAH & CHEETAH LRF series digital day & night vision Clip-on.

2.4 Reticle Mode Setting

In this version, you can set the reticle to the following 2 modes.



Reticle Mode

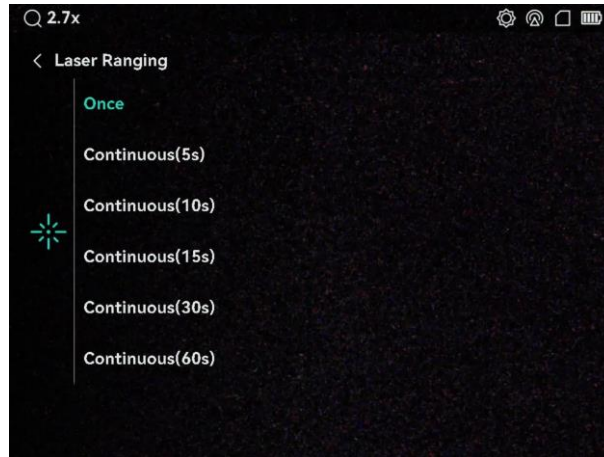
- **Fixed Reticle:** This mode centers around the reticle when switching the digital zoom ratio, with the reticle position unchanged.
- **Central Reticle:** This mode centers around the reticle when switching the digital zoom ratio, with the reticle and zoomed image moved to the center of the display.

Note:

This function is only available on CHEETAH & CHEETAH LRF series digital day & night vision scope.

2.5 New Laser Ranging Option

In this version, laser ranging for once is added to provide you with more options.



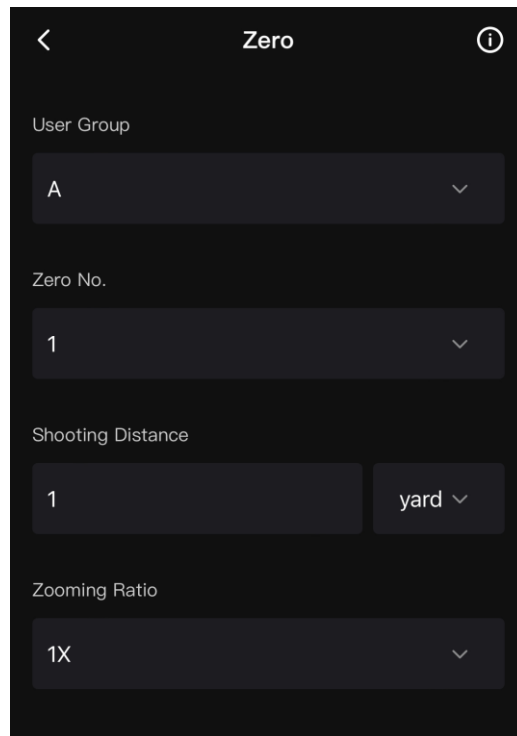
Laser Ranging Options

Note:

This function is only available on CHEETAH LRF series digital day & night vision scope/Clip-on.

2.6 Zeroing via HIKMICRO Sight App

In this version, you can zero via HIKMICRO Sight app, which is more convenient to use.



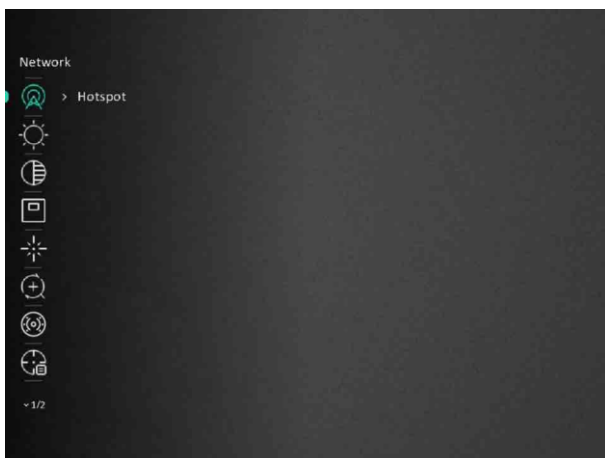
Zero on HIKMICRO Sight App

Note:

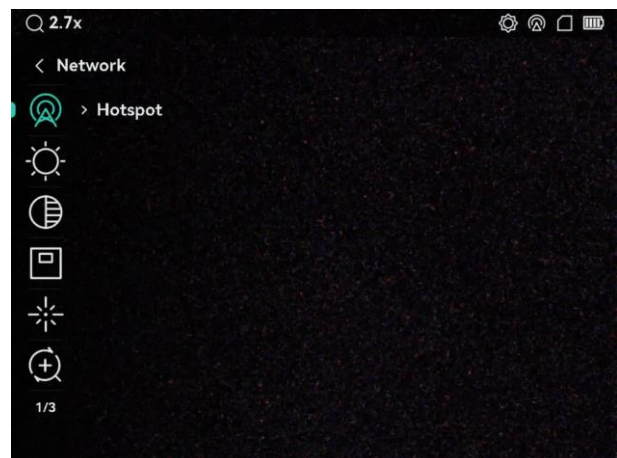
This function is only available on CHEETAH & CHEETAH LRF series digital day & night vision scope.

2.7 Enlarged OSD

The OSD icons and fonts have been enlarged in this version.



Earlier versions



V5.5.88

2.8 Lithuanian Added


Lithuanian has been added as one of system languages in this version. You can select Lithuanian on the welcome page or switch languages in the menu.


2.9 Auto Power Off Optimization

In this version, 15 min is added to provide more options for users when selecting **Auto Power Off** time.

Furthermore, the auto power off countdown is easier to start; as long as you neither operate the device nor connected it to HIKMICRO Sight app. Besides, the auto power off countdown will start again when you operate the device, or the device is restarted.



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