HIKMICRO

OUTDOOR PRODUCTS

See the World in a New Way

ABOUT
HIKMICRO

HIKMICRO treats thermal imaging technology as the core additional with visible-light imaging and ultrasonic technology, providing products and solutions to the world. HIKMICRO's products are widely used in the outdoor, industrial, security and safety industries and consumer electronics, etc., serving customers in over 100 countries and regions.

2008

Started
investing in thermal technology

2010

Released
the first thermal network camera

2016

HIKMICRO was founded
Released a full portfolio of thermal security products with fully optimized imaging, algorithms and intelligence

2018

Released 17 μm 384x288 / 640x512 detectors
Released outdoor and handheld thermography products

2019

Released 17 μm 160x120 detectors
Released 160*120 series products to meet the needs of niche market, such as short-range perimeter defense and indoor fire prevention

2020

Released 12 μm 256x192 / 384x288 / 640x512 detectors
Powerful V0x 12μm imaging sensor presents clear and detailed pictures, and offers new experience in observation.

2021

Released 12 μm 1280x1024 detectors
In-house 12μm detectors were widely used on thermal products.

Innovation leader of bi-spectrum monocular in the sector
Combine thermal and night vision images, the bi-spectrum monocular meets the needs of quick research and clear target identification.

2022

Released 384×288/640×512 high sensitivity detectors with NETD＜20mK

Released digital night vision riflescope with the unique 1/1.8-inch sensor and 3D DNR image algorithm

2023

High thermal sensitivity 20mK is widely applied in outdoor products

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BATTERY **1** YEAR *

FULL PRODUCT **3** YEARS *

DETECTOR **10** YEARS *

Mobile App

HIKMICRO Sight

Firmware Upgrade

The App automatically detects the firmware update information when you connect your device with it. Simply click on the reminder and get updated instantly.

Upgrading...

Device Upgrade

Remote Control

HIKMICRO Sight unlocks the full potential of your device by granting users total control of main parameters while enjoying an HD live view of the device, helping you operate the device in an easier way.

Real-time Screen Sharing

View the real-time image of your device on the smartphone. Connect one device with multiple phones that enables your team view the image on their own HIKMICRO Sight. Rotate the screen so that you can see the Sight in portrait or landscape mode.

Browse and Download Exciting Moments

Browse the images and footage in your thermal device and APP whenever you want, sharing these thrilling moments to your social medias with 1-Tap.

1-Tap Sharing

HIKMICRO Academy

Aim to tell you how to use your products better with various products videos and documents.

After sales service

Online service for any immediate consultation Product registration for warranty checks or updates.

Trail Camera

After connecting to your HIKMICRO Trail camera, the captured photos can be transmitted to HIKMICRO SIGHT through a 4G network.

Thermal Monocular

LYNX & LYNX Pro

17µm
LYNX

12µm
LYNX Pro

Extended Operating Time

The design of low power consumption makes the continuous operating time up to 10 hours.

Advanced VOx 12μm Imaging Sensor

For the powerful VOx 12μm imaging sensor with NETD<35mK ensure the perfect distinction of the target and present clear and detailed pictures even in complete darkness.

Variable Digital Zoom

Digital zoom up to 8x enables better focus on small target from a greater distance.

Hotspot for Mobile APP

Integrated hotspot module makes HIKMICRO Sight app as a second display. Users can remote control, adjust settings, upgrade firmware. Enabling the captured image being easily uploaded to social media.

Compact Size, Easy to Carry

Video and Snapshot

Onboard 16GB memory offers storage space for the snapshots and video clips.

Manual Focus

Control the image, observe the target clearly at greater distances.

Zoom Ring

LC06/L15/LE10/LE15

LH19/LH25

	LYNX		LYNX Pro				
	LC06	**L15**	**LE10**	**LE15**	**LH15**	**LH19**	**LH25**
Sensor	160×120, 17 µm	384×288, 17 µm	256×192, 12 µm		384×288, 12 µm		
Focal Length	6.2 mm, F1.1	15 mm, F1.0	10 mm, F1.0	15 mm, F1.0	15 mm, F1.0	19 mm, F1.0	25 mm, F1.0
Magnification	0.6 - 2.4, 4x	0.6 - 4.8, 8x	1.0 - 8.0, 8x	1.5 -12.0, 8x	1.5 -12.0, 8x	1.9 - 15.2, 8x	2.5 - 20.0, 8x
FOV	24.7°×18.7°	24.6°×18.5°	18.0°×13.6°	11.7°×8.8°	17.5°×13.1°	13.8°×10.4°	10.5°×7.9°
Frame Rate	50Hz	50Hz	25Hz		50Hz		
Manual Focus	No		No		Yes		
Micro Display	0.2 inch, LCOS, 720 × 540		0.2 inch, LCOS, 720 × 540		0.4-inch, LCOS, 1280×960		
Operating Time	10 h	7 h	8 h		7.5 h		
Detection Range	250 m	550 m	500 m	750 m	750 m	900 m	1200 m
Operating Temp.	-20℃ to 55℃ (-4°F to 131°F)		-20℃ to 55℃ (-4°F to 131°F)				
Weight	250 g	270 g	260 g	280 g	290 g	300 g	310 g

Thermal Monocular

FALCON

HIGH
SENSITIVITY

Ultra Clear Image.
Impressive Detail Recognition

The higher sensitivity in combination with high definition sensor and larger aperture optics provides the best quality, most detailed&high-contrast, informative image in all weather conditions.

- **NETD＜20mK**
  extremely high thermal sensitivity

- **Up to 640×512 @12µm**
  high-definition thermal detector

- **f/0.9 lens**
  super large aperture, 19% improvement

- **Image Pro**
  enhanced self-developed image processing algorithm

35mK | 20mK

"Image Pro" off | "Image Pro" on

Significantly Improved Design.
Exceptional ease-to-use

- Ergonomic cylindrical shape design for better operation experience
- Perfect component design for intuitive operation and ease-to-use
- Robust magnesium housing and lens coating material for long-time use

Replaceable and rechargeable high capacity battery, non-stop observation
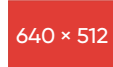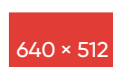
On one battery pack the device can run up to 6 hours. Another spare one provides enough power for non-stop operation. Besides, any ordinary power bank connected via a Type-C interface can be used as an external power supply.

See Further or Wider. Catch More Details

- Long detection range up to 2600m and very large field of view up to 22m@100m

- Powerful digital zoom, up to 8x
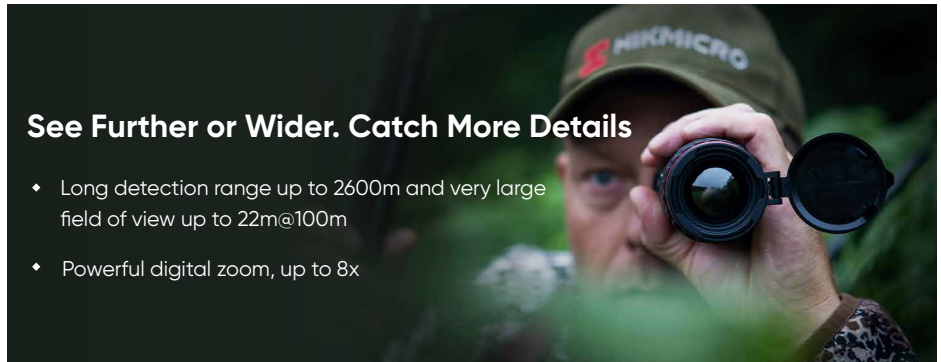
Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification Range / Detection Range	Thermal Detector	Battery
FH25	25 mm focal lens with @2x magnification, makes it an ideal partner in the forest.	Forest / Field	25mm, F1.0	2.1 – 16.8 (8x)	18.4m	350m / 1200m	384×288 @12um NETD<20mK	7h
FH35	35 mm lens results in 13m@100m field of view. This makes it suitable for field hunting.	Field / Forest	35mm, F1.0	3.0 – 24.0 (8x)	13.2m	500m / 1800m	384×288 @12um NETD<20mK	7h
FQ25	A super large FOV of 30.8m@100m let it be a natural forest hunting companion.	Forest	25mm, F1.0	1.4 – 11.2 (8x)	30.8m	400m / 1200m	640 × 512 @12um NETD<20mK	5h
FQ35	Its large FOV and magnification provide a perfect overview both at short and long distances.	Forest / Field	35mm, F1.0	1.8 – 14.4 (8x)	22.0m	600m / 1800m	640 × 512 @12um NETD<20mK	5h
FQ50	Detection range up to 2600m and @2.6x optical magnification make hunters have good experience both in the filed or forest.	Field / Forest	50mm, F0.9	2.6 – 20.8 (8x)	15.3m	700m / 2600m	640 × 512 @12um NETD<20mK	5h

Four Color Palettes

The device supports four color modes–White Hot, Black Hot, Red Hot, and Fusion for different observation scenes. You can choose the settings that best fits your needs

	FH25	FH35	FQ25	FQ35	FQ50
Max. Resolution	384×288 @ 12μm		640×512, 12 μm		
NETD	Less than 20 mK (@25°C), F# = 1.0				
Lens (Focal Length)	25 mm, F1.0	35 mm, F1.0	25mm, F1.0	35 mm, F1.0	50 mm, F0.9
Magnification	2.1x - 16.8x (8x)	3.0x - 24x (8x)	1.4x – 11.2x (8x)	1.8x – 14.4x (8x)	2.6x – 20.8x (8x)
Digital Zoom	1×, 2×, 4×, 8×				
Field of View(H × V), Degrees / m @100m	10.5°×7.9° / 18.4m×13.8m	7.5°×5.7° / 13.2m×9.9m	17.5° × 14.0°/ 30.8 m × 24.6 m	12.5°×10.0° / 22.0m×17.6m	8.8°×7.0°/ 15.3m×12.2m
Detection range	1200 m	1800 m	1200 m	1800 m	2600 m
Display	0.39-inch, OLED, 1024 × 768				
Battery Type	Replaceable and rechargeable Li-ion battery				
Operating time	7 h	7 h	5 h	5 h	5 h
Work Temperature/ Humidity	-30°C - +55°C (-22°F - +131°F); Humidity: 90% or Less				
Protection Level	IP67	IP67	IP67	IP67	IP67
Dimension	190.3 mm ×58.3mm × 66.9 mm			200.4 mm × 78mm × 67.8 mm	
Weight	500 g	505 g	500 g	505 g	636 g

GH25 · GH35 · GQ35
GH25L· GH35L· GQ35L· GQ50L

Thermal Monocular
GRYPHON | IMAGE REVOLUTION

GRYPHON | GRYPHON LRF

All-in-one Design Meet the Needs of All-day & All-weather Observation

With integrated thermal and night vision, considering both the daytime and the nighttime, for quick search and target identification.

Night Vision

Thermal

GQ50L

GH35/GQ35   GH35L/GQ35L

Outstanding Image Algorithm

Self-developed image algorithm optimizes image quality, bringing users a high-definition and cleaner picture, highlighting the edge of the object.

High Definition

Sharpen Edge

Clean & Clear

Ultra Long Detection Range

With the advanced imaging sensor and large-focus objective lens, GRYPHON series provides incredible detection capabilities.

2600 m
DETECTION RANGE
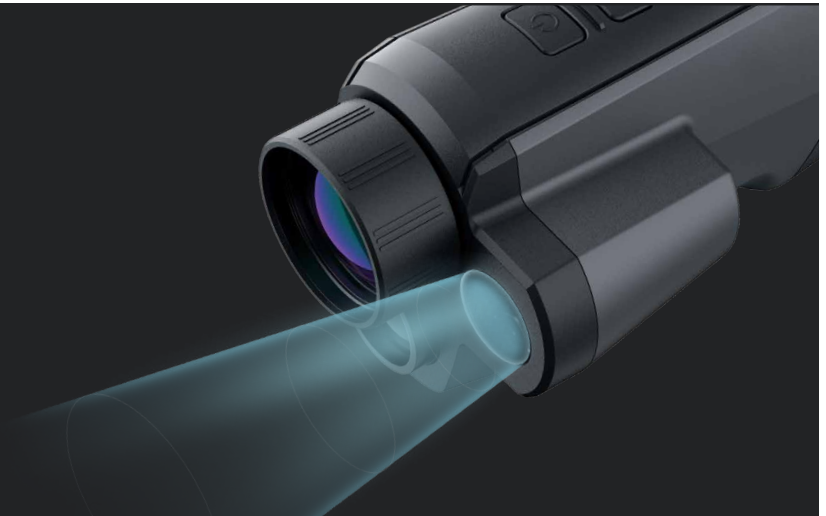
12 µm
IMAGING SENSOR

35 mK
NETD

Advanced Technology

01. Build-in Precision Laser Rangefinder

The integrated laser rangefinder allows to determine the distance in various scenarios, which play an important role in precision shooting.

Range up to

600m

Accuracy of

± 1m

02. Replaceable Battery

Two batteries and HIKMICRO external battery charger are included in the package box, which give the freedom to observe as long as needed even a full day.

03. New Way to Control

The wheel is used for menu selection and zooming, making the operation more natural.

x1

x8

Ergonomic Design

The grip of the device is covered with lychee pattern leather, and the rounded transitional design provides a comfortable grip and an excellent operating experience.

Large OLED Display

High resolution 0.39" 1024x768 OLED is capable of lower power consumption, wider viewing angle, and richer color, providing a better observation details.
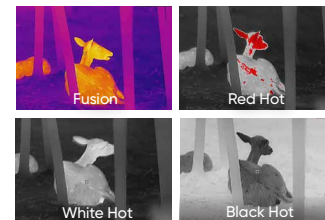
6 Image Modes

GRYPHON series provides 6 image modes for different scenarios.

Confirm Target Species

Night Vision

Provide Target Details

Image Fusion

Fusion

Red Hot

White Hot

Black Hot

	GRYPHON LRF				GRYPHON		
	GH25L	GH35L	GQ35L	GQ50L	GH25	GH35	GQ35
Thermal Sensor	384×288, 12 μm		640×512, 12 μm	640×512, 12 μm	384×288, 12 μm		640×512, 12 μm
NETD	< 35mK				< 35mK		
Lens	25 mm, F1.0	35 mm, F1.0	35mm, F1.0	50mm, F1.2	25 mm, F1.0	35 mm, F1.0	35mm, F1.0
Magnification	2.4-19.1, 8x	3.4-26.8, 8x	2.0-16.0, 8x	2.9-23.2, 8x	2.4-19.1, 8x	3.4-26.8, 8x	2.0-16.0, 8x
FOV	10.5°×7.9°	7.5°×5.7°	11.0°×8.8°	8.78° × 7.03°	10.5°×7.9°	7.5°×5.7°	11.0°×8.8°
Visible Camera	1/2" Progressive Scan CMOS, 1920×1080				1/2" Progressive Scan CMOS, 1920×1080		
Laser Rangefinder	Wavelength: 905 nm, Measurement range: up to 600 m, Accuracy: ±1 m				N/A		
Display	0.39-inch, 1024×768 OLED				0.39-inch, 1024×768 OLED		
Operating Time	Up to 6 h		Up to 4.5 h	Up to 4.5 h	Up to 6 h		Up to 4.5 h
Detection Range	1200 m	1800 m	1800 m	2600 m	1200 m	1800 m	1800 m
Operating Temp.	-30°C to 55°C (-22°F to 131°F)				-30°C to 55°C (-22°F to 131°F)		
Weight	510 g	510 g	510 g	548 g	480 g	480 g	480 g

RH50L · RQ50L · RH50LN · RQ50LN

Multi-spectrum Binocular

RAPTOR

QUAD
SENSORS

The All-In-One Solution

In combination with thermal camera, digital day & night camera, and laser rangefinder, the ultimate innovative RAPTOR series binocular provides unprecedented observation capability in thermal or true living color, up close or from a distance, during day or night in adverse weather to break through your visual limitation.

Thermal Lens

Laser Range Finder

Optical Lens

Infrared Light

◆ 20mK High Sensitivity Thermal Camera

· NETD<20mK high sensitivity
· up to 640x512 @12μm sensor
· f/0.9 larger aperture
· Image Pro
· 2600m detection range
· up to 91x magnification

◆ 2560x1440 HD Day & Night Camera

· 2560x1440 High resolution
· Min. Illumination 0.001Lux
· Built-in 850nm or 940nm IR illuminator
· The unique defog mode

Day Mode   Night Mode
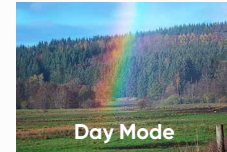
◆ 1000m Laser Rangefinder

Built-in laser rangefinder with a range of up to 1000m with an accuracy of ± 1 meter helps get the target distance to make the right decisions.

Purpose-Built Intelligent Features

◆ **GPS & DMC**

The GPS and Digital Magnetic Compass(DMC) feature ensures to locate the objects exact position through the precise measurement of an accurate azimuth relative to the direction of the magnetic north pole and a precise elevation of the observed object relative to the observer .

◆ **Smart IR**

With the different conditions of observation, the IR illuminator can adjust brightness automatically and intelligently to avoid overexposure. In such way, it also can reduce the power consumption and improve battery life.

◆ **Purpose-Built Intelligent Features : Zoom Pro**

Zoom Pro can significantly boost the zoomed image quality and enhance the zoomed image details, ensuring maximum image optimization under digital zoom, especially from 1x to 2x and 4x. It is supported in v 5.5.47 onwards.

◆ **Local Album**

The recorded photo and video can be browsed in local album of the device for more convenient and quick viewing.
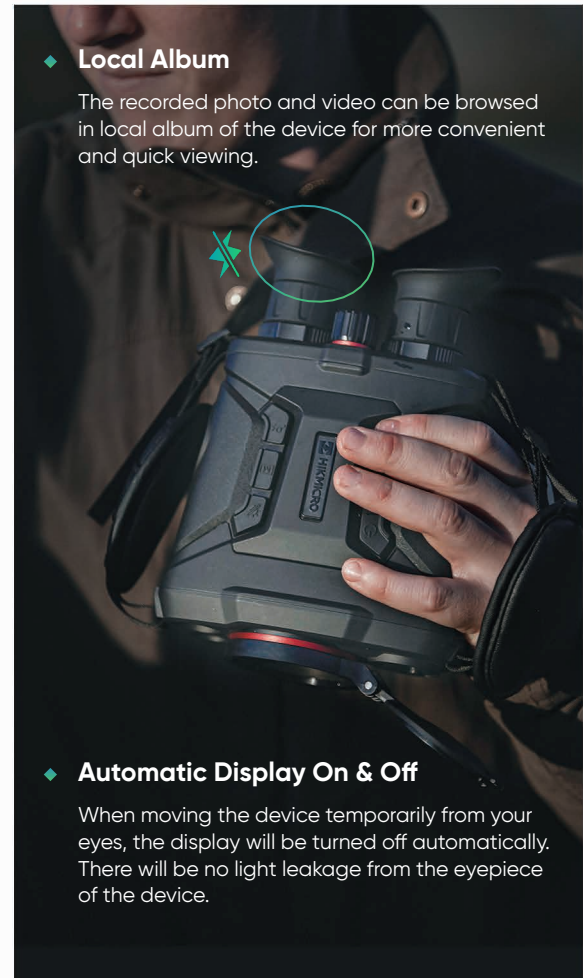
◆ **Automatic Display On & Off**

When moving the device temporarily from your eyes, the display will be turned off automatically. There will be no light leakage from the eyepiece of the device.

Groundbreaking and Practical Design

· Adjustable interpupillary distance from 60mm to 70mm
· Focus ring at your fingertips for intuitive operation
· Diopter range from –5 D to +3 D

60-70mm

Category	SPEC	RH50L	RQ50L	RH50LN	RQ50LN
Thermal Module	Thermal Sensor	384×288, 12 μm	640×512, 12 μm	384×288, 12 μm	640×512,12 μm
	NETD	<20mK (@25°C,F#=1.0)			
	Objective Lens	50 mm, F0.9			
	FOV (H×V), degrees/m@100m	5.3°×4.0° / 9.3m×7.0m	8.8°×7.0° /15.4m×12.2m	5.3°×4.0° / 9.3m×7.0m	8.8°×7.0°/15.4m×12.2m
	Detection Range	2600 m			
Optical Module	Resolution	2560x1440			
	Objective Lens	31 mm, F1.2			
	Min. Illumination	0.001 lux @ (F1.0 , AGC On)			
	IR Illuminator Wavelength	850nm		940nm	
	Viewing Range at Night	400m		350nm	
	FOV (H×V), degrees/m@100m	10.3°×7.7° / 18.0m×13.5m			
Laser Rangefinder		1000m measuring distance(± 1m measurement accuracy)			
Display	Display	0.39 inch, OLED, 1024 ×768			
	Magnification	Thermal: 5.7x, Optical:2.9x	Thermal: 3.4x, Optical:2.9x	Thermal: 5.7x, Optical:2.9x	Thermal: 3.4x, Optical:2.9x
		Digital Zoom: up to 16x			
	Image mode	Optical mode (Day/Night/Auto/Defog Mode) ,Thermal mode (White Hot/Black Hot/Red Hot/Fusion), Image Fusion			
Battery	Power supply	Battery Type: Replaceable and rechargeable Li-ion battery, Type-C interface. Operating time: >8h			
Function	Other Features	Automatic Display On & Off, Smart IR, GPS&DMC, Local Album, PIP, hotspot, video & photos recording			
	Operating Environment	Operating Temperature: -30°C - +55°C. Protection Level: IP67			
General	Weight	1120g			
	Dimension	217.5 mm*155 mm*87.5 mm			

More Advantages

Thermal mode | Optical mode | Image fusion

OLED Full color 1024x768 HD OLED display

Replaceable and rechargeable high capacity battery, non-stop observation

Picture-in-Picture

NEW

Thermal Scope
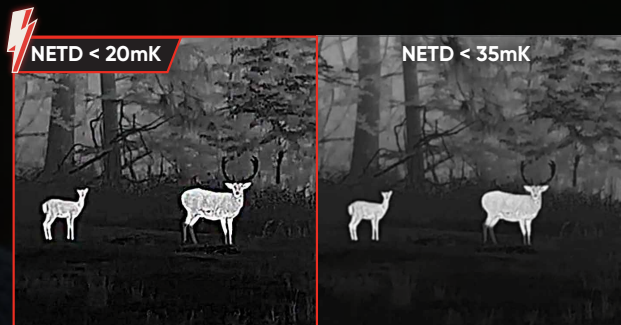
THUNDER 2.0 HIGH SENSITIVITY

◆ Ultra Clear Image, Impressive Detail Recognition

Equipped with extremely high thermal sensitivity (NETD<20mK), THUNDER 2.0 ensures informative images even under the slightest temperature differences. For example, the smallest features such as bristles or the sex can be reliably detected when hunting wild boar. The branches or leaves will stand out clearly in front of the boar as well.

up to 640x512	12μm	F1.0
Detector	Pixel Interval	Large Aperture

NETD < 20mK

NETD < 35mK

◆ New Focus Knob Design Meets Convenience

The focus knob design makes the focus ring no longer a hassle. This enables a more convenient and natural posture of the hand, and smooth and precise lens focus adjustments with small finger moves.

◆ Two replaceable and chargeable high-capacity battery packs

The new battery pack extends working time up to 10h and performs superior to others especially in a low-temperature environment.
The battery is able to be charged both in the charging base and in the device itself.

UP TO 10h

◆ Brand new UI and quick menu activated

Brand new UI and friendly quick menu help quickly find frequently used functions

Picture-in-Picture

Quick Menu ▸

- ☼ Brightness Adjustment
- ◐ Contrast Adjustment

0   5   10

- ▢ Picture-in-Picture

Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification/ Detection Range	Thermal Detector	Battery
TE19 2.0	19mm lens with a large FOV, it is suitable for medium-range hunting.		19mm, F1.0	2.5 – 19.8 8x	16.2m	250m 1000m	256×192 12μm NETD < 35mK	10h
TE25 2.0	A large magnification @3.3x and 25mm lens make it ideal to easily recognize details in field areas.		25mm, F1.0	3.3 – 26 8x	12.3m	350m 1200m	256×192 12μm NETD < 35mK	10h
TH25P 2.0	A large FOV of 18.4m @100m makes it a nice companion for forest hunting.		25mm, F1.0	1.5 – 12.2 8x	18.4m	350m 1200m	384×288 12μm NETD < 20mK	6.5h
TH35P 2.0 HOT	Equipped with 35mm lens and a NETD <20mK, it is suitable for both forest and field scenarios.		35mm, F1.0 (with knob)	3.0 – 24.2 8x	13.2m	450m 1800m	384×288 12μm NETD < 20mK	6.5h
TQ35 2.0	A wide FOV of 21.9m @100m and a suitable magnification make it perfect for both forest and field areas.		35mm, F1.0 (with knob)	1.8 – 14.6 8x	21.9m	500m 1800m	640×512 12μm NETD < 20mK	6.5h
TQ50 2.0 HOT	The long detection range and large magnification suit field hunters in particularly.		50mm, F1.0 (with knob)	2.6 – 20.8 8x	15.4m	650m 2600m	640×512 12μm NETD < 20mK	6.5h

More Advantages

- Recoil-activation and audio recording
- IP67 waterproof rated
- High shock resistance up to 1000g/0.4ms
- Detection range up to 2600m

	TE19 2.0	TE25 2.0	TH25P 2.0	TH35P 2.0	TQ35 2.0	TQ50 2.0
Sensor	256 x 192, 12 μm	256 x 192, 12 μm	384 x 288, 12 μm	384 x 288, 12 μm	640 x 512, 12 μm	640 x 512, 12 μm
NETD	≤ 35 mK @ 25℃	≤ 35 mK @ 25℃	< 20 mK @ 25℃	< 20 mK @ 25℃	< 20 mK @ 25℃	< 20 mK @ 25℃
Focal Length	19 mm, F1.0	25 mm, F1.0	25 mm, F1.0	35 mm, F1.0	35 mm, F1.0	50 mm, F1.0
Focus Knob	No	No	No	Yes	Yes	Yes
Detection Range	1000m	1200m	1200m	1800m	1800m	2600m
Magnification	2.5 – 19.8, 8x	3.3 – 26, 8x	1.5 – 12.2, 8x	3.0 – 24.2, 8x	1.8 – 14.6, 8x	2.6 – 20.8, 8x
Field of View(H × V), Degrees / m @100m	9.2° × 6.9° / 16.2m × 12.1m	7.0° ×5.3° / 12.3m × 9.2m	10.5° ×7.9° / 18.4m × 13.8m	7.5° ×5.7° / 13.2m × 9.9m	12.5° ×10.0° / 21.9m × 17.6m	8.8° ×7.0° / 15.4m × 12.3m
Display	1024x768, 0.39 inch, OLED					
Max. Recoil	1000 g / 0.4 ms					
Battery Type	Replaceable and Rechargeable Li-ion Battery					
Operation Time	≥ 10 h	≥ 10 h	≥ 6.5 h	≥ 6.5 h	≥ 6.5 h	≥ 6.5 h
Dimension & Weight	218.7 × 67.14 × 68.04mm, 476g	218.7 × 67.14 × 68.04mm, 494g	218.7 × 67.14 × 68.04mm, 488g	221.14 × 67.4 × 68.04mm, 515g	221.14 × 67.4 × 68.04mm, 515g	230.71 × 73.36 × 68.5mm, 530g
Standard Accessory	Battery Charger、Type-C Cable、Lint-free Cloth、Battery (x2)、QSG、Bag					

Thermal Scope

# STELLAR

Highlights Capturing

The pre-recording function will be activated after senses the recoil, it will record the 7 seconds prior to your shot and 7 seconds after your shot, to create a 14 seconds video with audio.

Recoil-activation Recording | **Audio Recording**

Ultra Low Power Consumption

Over 15 hours of active use. No more lost exciting moments due to drained batteries.
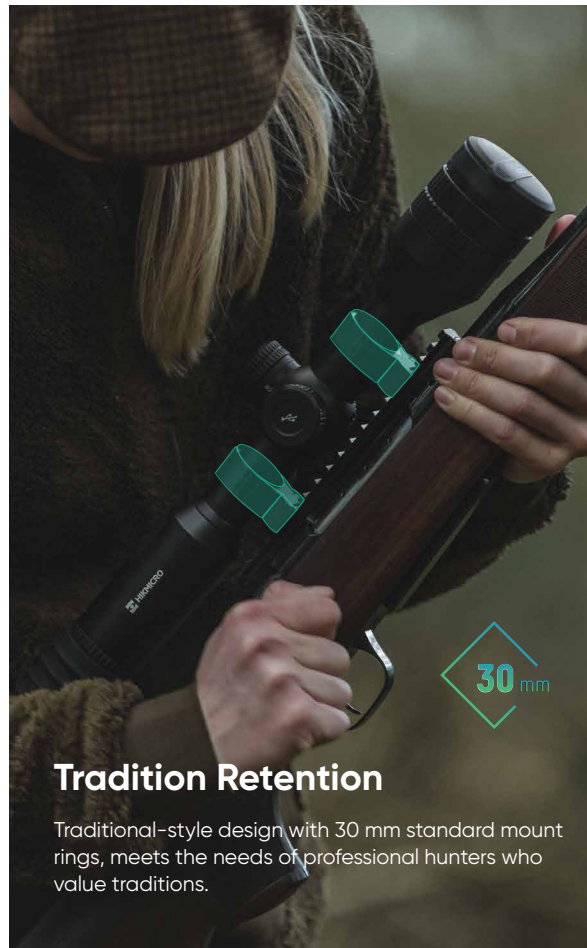
Tradition Retention

Traditional-style design with 30 mm standard mount rings, meets the needs of professional hunters who value traditions.

30 mm

Multiple Reticle Profiles

5 Reticle Groups | 4 Colors ■ □ ■ ■ | 5 Reticle Types

Precision Shooting

Zeroing with "Freeze" & "Zoom", improve the shooting accuracy.

Zoom | Freeze

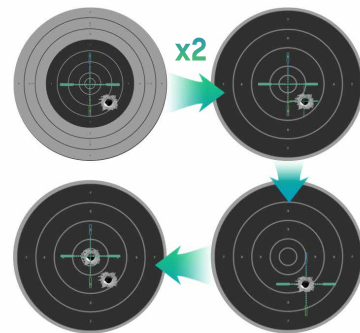| Reticle | ◄ 2 ► |
Distance	◄ 100 ►
Type	◄ 1 ►
Color	◄ ■ ►
Zoom	◄ 1X ►
Freeze	
X=0	Y=0

A2-100m

↻ Previous/Next ≡ OK/Switch

One Shoot Zeroing

Zeroing the scope by marking the offset on the reticle after the first shot. Five zeroing profiles are configurable for different distances.

x2

2600 m

Ultra Long Detection Range

With the advanced imaging sensor and large-focus objective lens, STELLAR series provides incredible detection capabilities, and can detect a 1.7m target at a distance up to 2600m.

	SH35	SH50	SQ35	SQ50
Image Sensor	384×288, 12 μm		640×512, 12 μm	
NETD	< 35mK	< 35mK	< 35mK	< 35mK
Frame Rate	50Hz	50Hz	50Hz	50Hz
Lens	35 mm, F1.0	50 mm, F1.0	35 mm, F1.0	50 mm, F1.0
Magnification	2.7x	3.85x	1.62x	2.31x
FOV	7.53° x 5.65°	5.28° x 3.96°	12.52° x 10.03°	8.78° x 7.03°
Detection Range	1800 m	2600 m	1800 m	2600 m
Display	0.39-inch, OLED, 1024 × 768			
Eye Relief	60 mm			
Recoil Resistant	1000 g	1000 g	1000 g	1000 g
Battery Type	Two rechargeable Lithium batteries (internal) and one replaceable CR123A (external)			
Operating Time	Up to 15 h		Up to 13 h	
Weight	890 g	970 g	890 g	970 g
Protection Level	IP67	IP67	IP67	IP67
Operating Temp.	-30°C to 55°C (-22°F to 131°F)			

NEW

Thermal Scope

PANTHER 2.0

HIGH
SENSITIVITY

Ultra clear image, impressive detail recognition

HIGH SENSITIVITY

20mK
NETD

◆ **High thermal sensitivity, perfect detail recognition**

Every detail matters when identifying targets. Less than 20 mK NETD helps identify small details of objects from the backgrounds easily and clearly even in the hardest weather and low- light conditions.
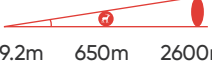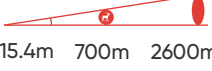
◆ **Vivid, informative, and layered images**

Even when hunting with thermal imaging, the powerful thermal camera still provides you with the most vivid and layered images for reliable game identification and maximum hunting success.

◆ **Built-in laser range finder provides an accurate distance measurement**

Distance from the game is essential to ensure a safe shot. Built-in laser rangefinder allows you to determine the exact time of your shooting.

640x512 @12µm
Thermal Camera

F1.0
Lens

1024 × 768
OLED display

Range up to
600m

Accuracy of
± 1m

Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)		Detection Range	Detector		Battery
PH35L 2.0	With a FOV of 13m@100 m and 3.0x magnification, it provides great performance wherever in the forest or field.	Field Forest	35mm, F1.0	3.0 - 24.0 8x	13.1m	450m	1800m	384 × 288	12µm NETD < 20mK	6h
PH50L 2.0	50 mm lens and 384 detector results in 4.3x magnification, making it suitable for field hunting particularly.	Field	50mm, F1.0	4.3 – 34.4 8x	9.2m	650m	2600m	384 × 288	12µm NETD < 20mK	6h
PQ35L 2.0	Its 22m @ 100m large FOV provide a perfect overview especially when hunting in the forest.	Forest	35mm, F1.0	1.8 – 14.4 8x	22m	500m	1800m	640 × 512	12µm NETD < 20mK	5h
PQ50L 2.0	Detection range up to 2600m and @2.6x optical magnification make hunters have good experience both in the filed or forest.	Field Forest	50mm, F1.0	2.6 – 20.8 8x	15.4m	700m	2600m	640 × 512	12µm NETD < 20mK	5h

Compact Size and Rugged Design Lead to High Reliability

◆ **Wheel control**   ◆ **IP67**   ◆ **1000g/0.4ms**

REPLACEABLE BATTERY

RECOIL–ACTIVATION RECORDING

	PH35L 2.0	PH50L 2.0	PQ35L 2.0	PQ50L 2.0
Max. Resolution	384 x 288, 12 μm	384 x 288, 12 μm	640 × 512, @12um	640 × 512, @12um
NETD	Less than 20 mK (@25℃), F# = 1.0			
Lens (Focal Length)	35mm, f1.0	50mm, f1.0	35mm, f1.0	50mm, f1.0
Magnification	3.0x - 24x (8x)	4.3 – 34.4 (8x)	1.8x – 14.4x (8x)	2.6x – 20.8x (8x)
Field of View(H × V), Degrees / m @100m	7.5° × 5.7°/ 13.1 m × 9.9 m	5.3°× 4.0°/ 9.2 m × 6.9 m	12.5° × 10.0°/ 21.9 m × 17.6 m	8.8° × 7.0°/ 15.4 m × 12.3 m
Display	1024 × 768, 0.39 inch, OLED			
Exit Pupil	6 mm	6 mm	6 mm	6 mm
Eye Relief	45 mm	45 mm	45 mm	45 mm
Max. Recoil	1000 g/0.4 ms	1000 g/0.4 ms	1000 g/0.4 ms	1000 g/0.4 ms
Battery Type	Replaceable and Rechargeable Li-ion Battery			
Operation Time	6h	6h	5h	6h
Dimension & Weight	214.64 × 66.97 × 87.10 mm 518 g without Battery	226.81 × 73.34 × 87.10 mm 585 g without Battery	214.64 × 66.97 × 87.10 mm 518 g without Battery	226.81 × 73.34 × 87.10 mm 585 g without Battery
Standard Accessory	Quick Start Guide(x1), Battery (x2), Type-C cable (x2), Dust-free Cloth(x1), Bag (x1), Battery Charger (x1)			

NEW

Thermal Scope

THUNDER ZOOM 2.0

OPTICAL ZOOM

Ultra Clear Image, Impressive Detail Recognition

◆ Equipped with extremely high thermal sensitivity (NETD<20mK), THUNDER ZOOM 2.0 ensures vivid, informative, and layered Images even under the slightest temperature differences. For example, the smallest features such as bristles or the sex can be reliably detected when hunting wild boar. The branches or leaves will stand out clearly in front of the boar as well when with NETD<20mK.

Up to 640x512 | **12μm** | **50mm|60mm**
Thermal Camera | Pixel Interval | Up to F0.8 Large Aperture

NETD <20 mK
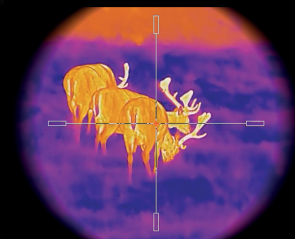
◆ **High-Quality Zoomed Image through Optical Zoom**

Optical Zoom: Maintain High-Quality Images Even Zooming.
THUNDER ZOOM 2.0 offers dual FOV by optical zoom technology. Switching the device's two cameras, the image is zoomed with magnifications change and still maintains high quality.
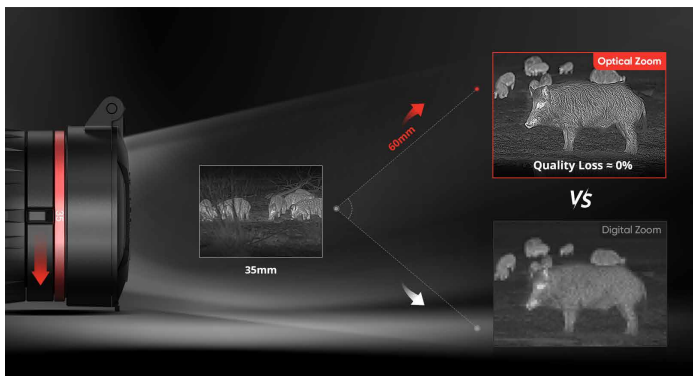
One-time Zeroing
Zero under the small FOV lens first, then switch to the other lens, the zero position will be adjusted automatically. That is, you can zero one time for two lenses simultaneously.

Optical Zoom
Quality Loss ≈ 0%
VS
Digital Zoom
60mm
35mm

35
60
Step 1. Zero at 60mm or 50mm lens first
Step 2. Zero automatic calibrated when switching to 35mm or 25mm lens
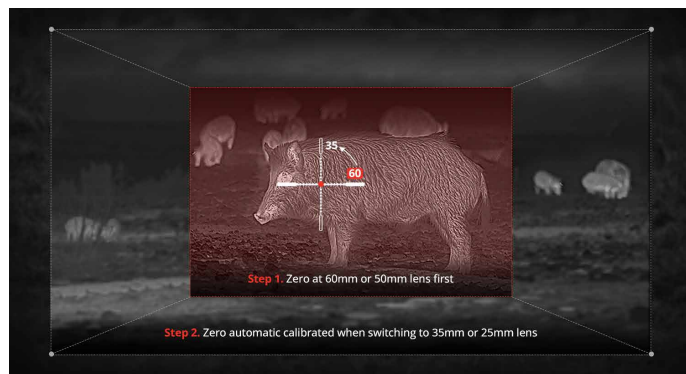
◆ Long Operation Time, Support Direct Charging

Two new battery packs extend working time up to 13h+, and can be charged in the device directly. Besides, it performs superior to others, especially in low-temperature environment.

working time 13H+

◆ Quick Settings Brings Higher Efficiency During Hunting

1.Brightness and contrast adjustment in Quick Menu: helps to conveniently recognize details of the image in a few clicks.
2.The PIP function is activated with ONE press (Digital Zoom Key).

Hold Digital Zoom Key

Quick Menu ▶

☼ Brightness Adjustment
1   5   10
▣ Contrast Adjustment
1   5   10

Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Detection Range	Detector	Battery
TH50Z 2.0	With a 2.2x to 34.6x large magnification, TH50Z 2.0 is the perfect match for both wooded and open field areas. A 0.8 large aperture also strengthens your viewing ability.	Field Forest	25mm, F0.8	2.2–17.4 8x	18.4m 350m 1200m		384 × 288 12μm NETD < 20mK	6.5h
			50mm, F1.0	4.3–34.6 8x	9.2m 650m 2600m			
TQ60Z 2.0	Equipped with a 640 sensor, a 35mm F0.9 and a 60mm F1.1 lens given a wide FOV at 22m, TQ60Z 2.0 is perfect for long-range hunting up to 3000m in both forest or in field.	Field Forest	35mm, F0.9	1.8–14.6 8x	21.9m 500m 1800m		640 × 512 12μm NETD < 20mK	6.5h
			60mm, F1.1	3.1–25.0 8x	12.8m 750m 3000m			

- ◆ **Magnesium Alloy Design**
- ◆ **1000g/0.4ms**
- ◆ **Recoil-activation Recording with Audio**

	TH50Z 2.0	TQ60Z 2.0
Sensor	384 x 288, 12 µm	640 x 512, 12 µm
NETD	< 20 mK @ 25°C	
Focal Length	25mm @ F0.8; 50mm @F1.0	35mm @F0.9; 60mm @F1.1
Magnification	2.2x-17.4x (8x); 4.3x-34.6x (8x)	1.8x-14.6x (8x); 3.1x to 25.0x (8x)
Field of View(H × V), Degrees / m @100m	10.5° × 7.9°/18.4 m × 13.8 m 5.3° × 4.0°/9.2 m × 6.9 m	12.5° × 10.0°/21.9 m × 17.6 m 7.3° × 5.9°/12.8 m × 10.2 m
Detection Range	1200 m/2600 m	1800 m/3000 m
Display	1024 × 768, 0.39 inch, OLED	
Max. Recoil	1000 g/0.4 ms	
Battery Supply	≥ 6.5 h (25°C, with hotspot off), Replaceable and Rechargeable Li-ion Battery Pack	
Dimension & Weight	241.2 mm × 67.0 mm × 73.4 mm, 750 g without battery	254.4 mm × 68.5 mm × 80.56mm, 843 g without Battery
Other features	Audio & Recoil-activated recording, IP67, brightness & tone adjustment, Built-in EMMC (16 GB)	
Standard Accessory	Battery Charger、Type-C Cable、Lint-free Cloth、Battery (x2)、QSG、Bag	

Thermal Clip-on

THUNDER PRO

17μm	**12**μm
THUNDER	THUNDER Pro

Multi-use Flexible Transformation

Replaceable eyepiece provides an easy and quick way to transform the clip-on to the monocular or scope.

Clip-on

Adapter

Clip-on

Eyepiece of THUNDER

Monocular

Eyepiece of THUNDER   Rail

Scope
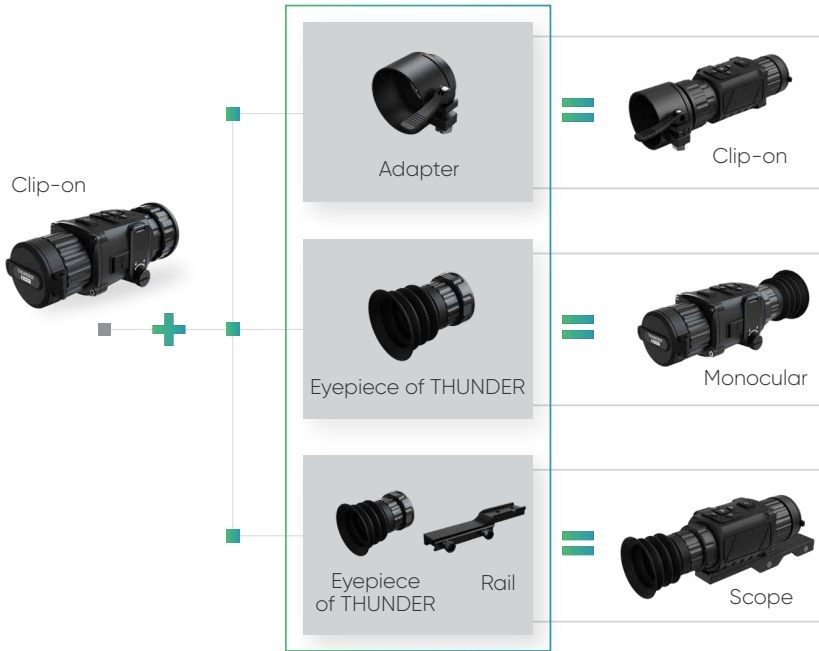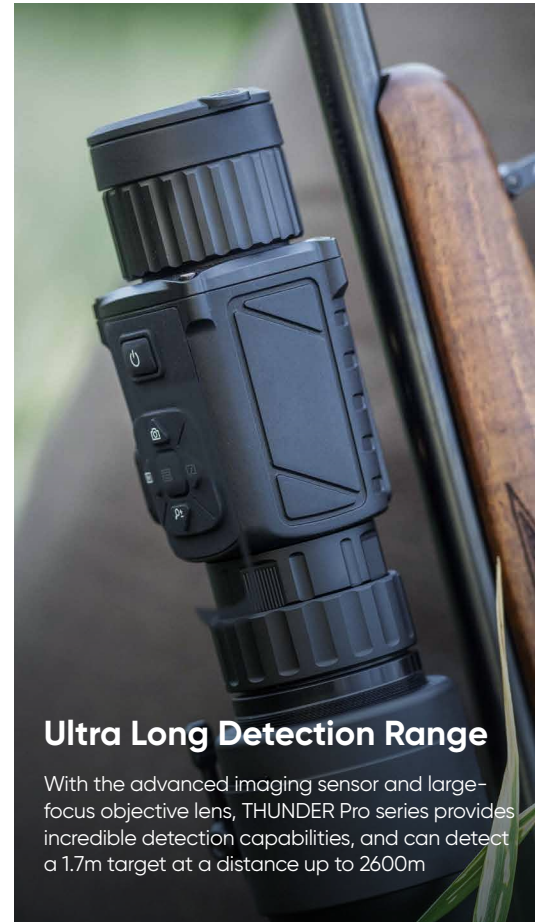
Ultra Long Detection Range

With the advanced imaging sensor and large-focus objective lens, THUNDER Pro series provides incredible detection capabilities, and can detect a 1.7m target at a distance up to 2600m

High Image Quality & Accurate Target Recognition

The powerful VOx 12μm imaging sensor with NETD<35mK and large aperture F1.0 lens ensure the perfect distinction of the target and present clear and detailed pictures even in complete darkness.
50 fps full frame delivers smooth video of dynamic scenes.

12 μm
IMAGING SENSOR

35 mK
NETD

50 fps
FRAME RATE

◆ **Outstanding Image Algorithm**

Self-developed image algorithm optimizes image quality, bringing users a high-definition and clearer picture, highlighting the edge of the object.

◆ **Central Display Menu**

After being assembled with the day scope, the content of the menu will not be obstructed, providing a user-friendly operate experience of menu selection.

Hot Tracking
OFF

Reliability and Stability

The main body of the machine is made of high-strength plastic. The internal components are designed with precise reinforced articulation.

TH35PC

◆ IP67 Waterproof Rated

IP67 rated design creates protection from the rain, snow, even when it drops into 1 meter of the water up to 30 minutes.

◆ High Shock Resistance

Metal housing rugged components provides high shock resistance up to 750 g/ms on larger calibers up to .375 H&H, 12-gauge and 9.3x64.

	THUNDER Pro
	TH35PC
Image Sensor	384×288, 12 μm
Frame Rate	50Hz
Lens	35 mm, F1.0
Magnification	1x
FOV	7.6°×5.7°
Display	0.39-inch, OLED, 1024 × 768
Eye Relief	10 mm
Detection Range	1800 m
Operating Time	4 h
Weight	420 g
Operating Temp.	-20°C to 55°C (-4°F to 131°F)

TE19C 2.0 · TE19CR 2.0 · TH35PC 2.0 · TH35PCR 2.0
TQ35C 2.0 · TQ35CR 2.0 · TQ50C 2.0 · TQ50CR 2.0

NEW

Thermal Clip-on

THUNDER 2.0

HIGH
SENSITIVITY

◆ Ultra Clear Image, Impressive Detail Recognition

Equipped with extremely high thermal sensitivity (NETD<20mK), THUNDER 2.0 ensures informative images even under the slightest temperature differences. For example, the smallest features such as bristles or the sex can be reliably detected when hunting wild boar. The branches or leaves will stand out clearly in front of the boar as well.

up to 640x512   12μm   F1.0
Detector   Pixel Interval   Large Aperture

NETD < 20mK   NETD < 35mK
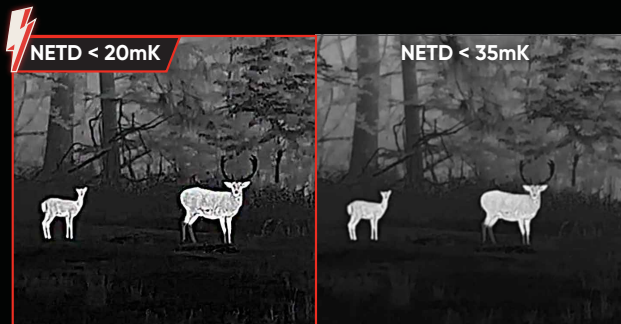
◆ Easy to Mount and Demount

Just detach, turn, and reattach, it is easy to mount and demount only in a few steps. M52*0.75 thread is supported to be compatible with third-party adapters.

M52*0.75

◆ New Focus Knob Design Meets Convenience

The focus knob design makes the focus ring no longer a hassle. This enables a more convenient and natural posture of the hand, and smooth and precise lens focus adjustments with small finger moves.

◆ Two replaceable and chargeable high-capacity battery packs

The new battery pack extends working time up to 10h and performs superior to others especially in a low-temperature environment.
The battery is able to be charged both in the charging base and in the device itself.
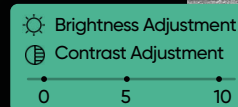
UP TO 10h

◆ Brand new UI and quick menu activated

Brand new UI and friendly quick menu help quickly find frequently used functions

Brightness

Quick Menu ▸

☼ Brightness Adjustment
▤ Contrast Adjustment
0   5   10

43
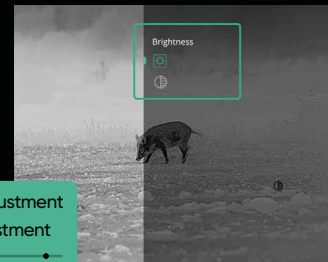
Model	Introduction	Scenarios	Lens	FOV (@100 m)	Identification/ Detection Range	Thermal Detector	Battery
TE19C 2.0 TE19CR 2.0	19mm lens with a large FOV, it is suitable for medium-range hunting.		19mm, F1.0	16.2m	250m 1000m	256×192 12μm NETD < 35mK	10h
TH35PC 2.0 HOT TH35PCR 2.0	Equipped with 35mm lens and a NETD <20mK, it is suitable for both forest and field scenarios.		35mm, F1.0 (with knob)	13.2m	450m 1800m	384×288 12μm NETD < 20mK	6.5h
TQ35C 2.0 TQ35CR 2.0	A wide FOV of 21.9m @100m and a suitable magnification make it perfect for both forest and field areas.		35mm, F1.0 (with knob)	21.9m	500m 1800m	640×512 12μm NETD < 20mK	6.5h
TQ50C 2.0 HOT TQ50CR 2.0	The long detection range and large magnification suit field hunters in particularly.		50mm, F1.0 (with knob)	15.4m	650m 2600m	640×512 12μm NETD < 20mK	6.5h

	TE19C 2.0	TE19CR 2.0	TH35PC 2.0	TH35PCR 2.0	TQ35C 2.0	TQ35CR 2.0	TQ50C 2.0	TQ50CR 2.0
Sensor	256 x 192, 12 µm	256 x 192, 12 µm	384 x 288, 12 µm	384 x 288, 12 µm	640 x 512, 12 µm	640 x 512, 12 µm	640 x 512, 12 µm	640 x 512, 12 µm
NETD	≤ 35 mK @ 25℃	≤ 35 mK @ 25℃	<20 mK @ 25℃	<20 mK @ 25℃	<20 mK @ 25℃	<20 mK @ 25℃	<20 mK @ 25℃	<20 mK @ 25℃
Focal Length	19 mm, F1.0	19 mm, F1.0	35 mm, F1.0	35 mm, F1.0	35 mm, F1.0	35 mm, F1.0	50 mm, F1.0	50 mm, F1.0
Focus Knob	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Detection Range	1000m	1000m	1800m	1800m	1800m	1800m	2600m	2600m
Magnification	1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x
Field of View(H × V), Degrees / m @100m	9.2° × 6.9° / 16.2m × 12.1m	9.2° × 6.9° / 16.2m × 12.1m	7.5° ×5.7° / 13.2m × 9.9m	7.5° ×5.7° / 13.2m × 9.9m	12.5° ×10.0° / 21.9m × 17.6m	12.5° ×10.0° / 21.9m × 17.6m	8.8° ×7.0° / 15.4m × 12.3m	8.8° ×7.0° / 15.4m × 12.3m
Reticle	No	Yes	No	Yes	No	Yes	No	Yes
Display	1024x768, 0.39 inch, OLED							
Max. Recoil	1000 g / 0.4 ms							
Battery Type	Replaceable and Rechargeable Li-ion Battery							
Operation Time	≥ 10 h	≥ 10 h	≥ 6.5 h	≥ 6.5 h	≥ 6.5 h	≥ 6.5 h	≥ 6.5 h	≥ 6.5 h
Dimension & Weight	184.09 × 67.14 × 68.04mm, 499g	184.09 × 67.14 × 68.04mm, 499g	186.53 × 68.04 × 67.4mm, 538g	186.53 × 68.04 × 67.4mm, 538g	186.53 × 68.04 × 67.4mm, 538g	186.53 × 68.04 × 67.4mm, 538g	196.12 × 73.36 × 68.5mm, 553g	196.12 × 73.36 × 68.5mm, 553g
Working Environment	Operating Temperature: -30℃ ~ 55℃ (-22°F ~ 131°F); Protection Level: IP67							
Standard Accessory	Battery Charger、Type-C Cable、Lint-free Cloth、Battery (x2)、Wrench、QSG、Bag							

A50T · A50TN · A50T-S

Digital Day&Night Vision Scope

ALPEX | Viewing beyond Color
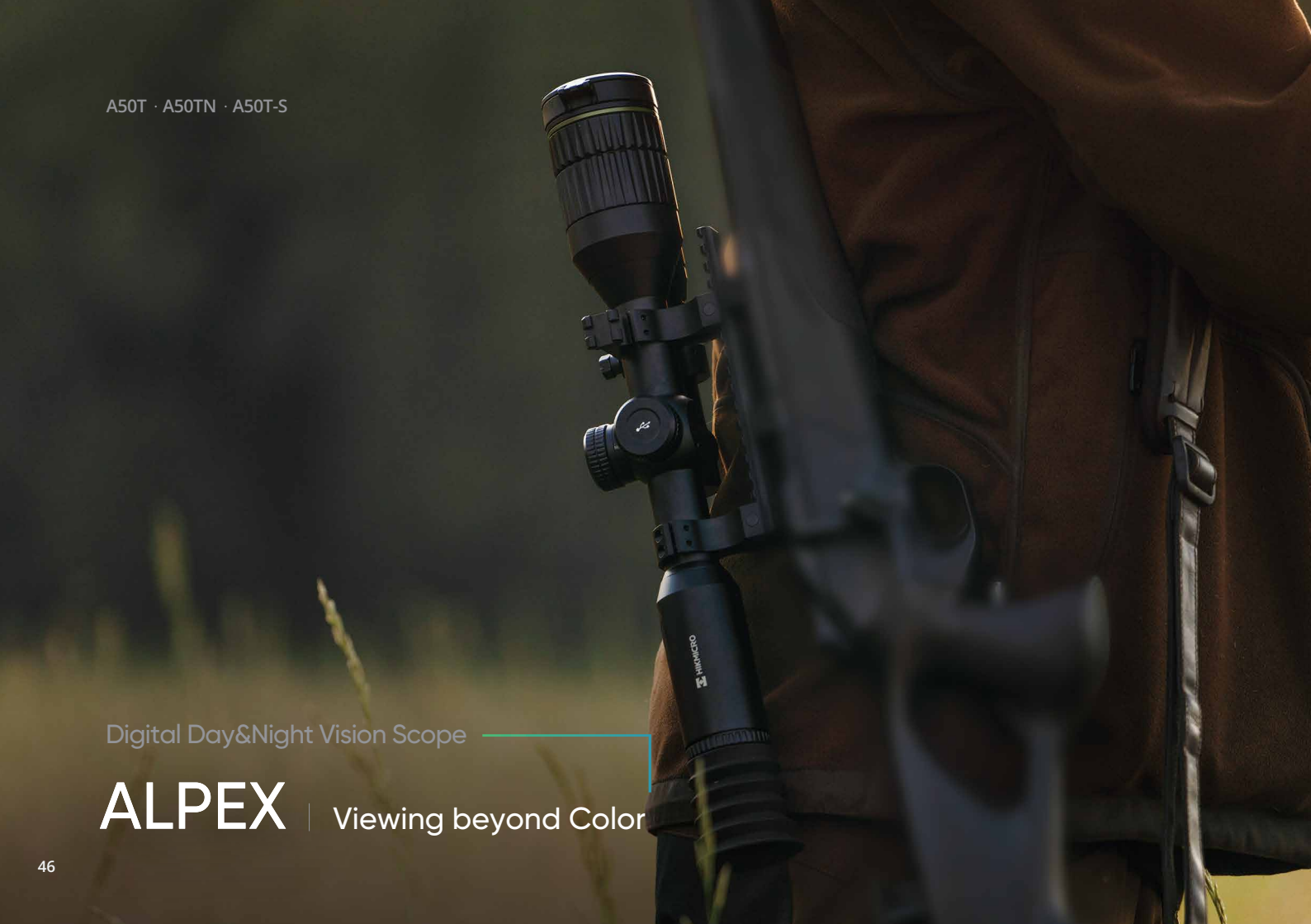
Born for Low-light Hunting

The unique 1/1.8-inch sensor and 3D DNR image algorithm provide clarity images even in low light conditions of 0.001 Lux, helping you to find clear and detailed targets even in the dark starry sky.

1920 x 1080	2 MP	0.39-inch
SENSOR	IMAGE RESOLUTION	OLED DISPLAY

High Image and Detail Restoration

High SNR and purple fringing correction algorithm can reduce the interference of abnormal noise on the edge of the image, which helps image and detail restoration. In the daytime, even from morning to twilight, when the human eye cannot recognize details of targets, ALPEX improves your ability to identify targets.

☀ Day Mode   ☾ Night Mode
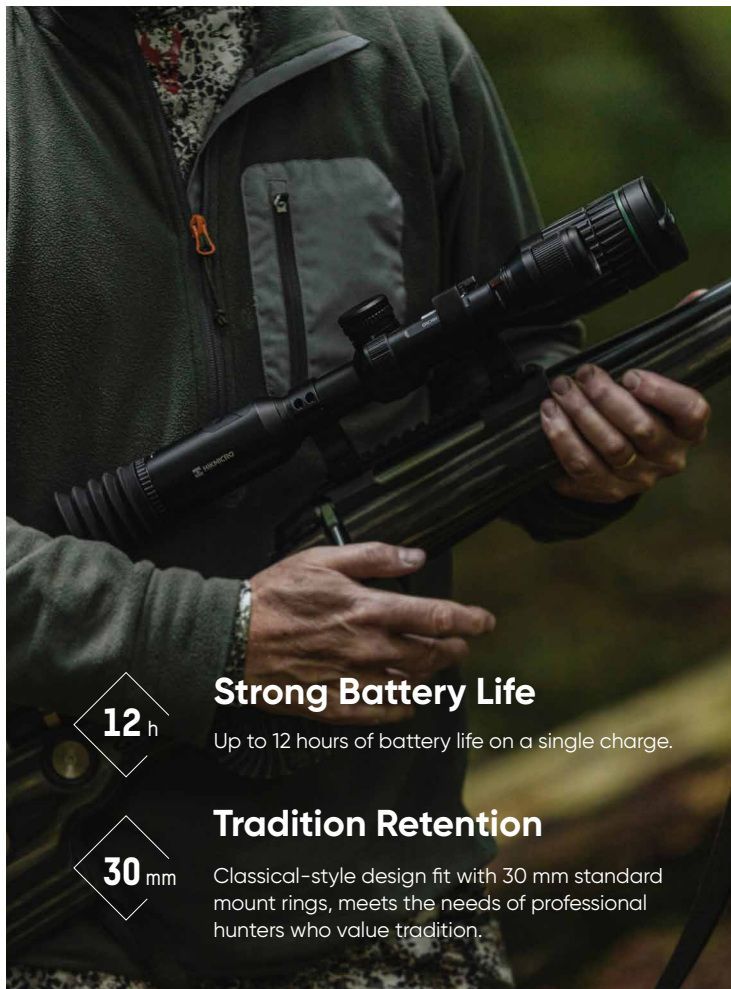
Strong Battery Life

12 h

Up to 12 hours of battery life on a single charge.

Tradition Retention

30 mm

Classical-style design fit with 30 mm standard mount rings, meets the needs of professional hunters who value tradition.

Easy and Customized Hunting in Our Settings

◆ **Precise and Simple Zeroing**

Zeroing with multiple and continuous digital "Zoom" & "Freeze", improve the shooting accuracy.

Zoom Freeze

◆ **Multiple Reticle Profiles**

Multiple profiles can be configured and saved for a greater convenience.

· 5 Reticle Groups

· 10 Reticle Types

· 8 Colors

Model	Introduction	Scenarios		Lens	Magnification	FOV (@100 m)	Detection Range	IR Torch	Detector	Battery
A50T	A 50mm F1.2 lens, a suitable magnification with a high image quality after digital zoom make ALPEX series perfect for both field and forest areas.	Field	Forest	50mm, F1.2	3.5 –14 4x	13.5m	600m	850 nm	1920 × 1080	12h
A50TN		Field	Forest	50mm, F1.2	3.5 –14 4x	13.5m	550m	940 nm	1920 × 1080	12h
NEW A50T-S		Field	Forest	50mm, F1.2	3.5 –14 4x	13.5m	Depends on the wavelength and power of IR torch	/	1920 × 1080	12h

	A50T	A50TN	A50T-S **NEW**
Max. Resolution	1920 × 1080	1920 × 1080	1920 × 1080
Lens	50 mm, F1.2	50 mm, F1.2	50 mm, F1.2
Field of View	7.7° × 5.8°/13.5 m × 10.1m @100 m		
Magnification	3.5-14, 4x	3.5-14, 4x	3.5-14, 4x
Wavelength for IR Torch	850 nm	940 nm	IR torch not provided
Detection Range	600m	550m	Depends on IR torch
Display	1024 × 768, 0.39 inch, OLED	1024 × 768, 0.39 inch, OLED	1024 × 768, 0.39 inch, OLED
Image Mode	Day, Night	Day, Night	Day, Night
Max. Recoil	1000g/0.4ms	1000g/0.4ms	1000g/0.4ms
Battery Type	Two rechargeable Lithium batteries (internal) and one replaceable CR123A (external)		
Operation Time	12 hours continuous running (@25℃, Wi-Fi off)		
Dimension & Weight	442mm × 78.1 mm × 83.5 mm, 1062 g without eyepiece and CR123A		
Other Features	Audio & Recoil-activated recording, IP67 Waterproof, "Picture-in-Picture" mode, Image defog technology		
Standard Accessory	Type-C Cable, Lint-free Cloth, CR123A Battery (x2), HM-3632DC Battery(x2), Battery Charger, IR Torch, IR Torch Bracket, QSG, Bag		Type-C Cable, Lint-free Cloth, CR123A Battery (x2), QSG, Bag

C32F-S · C32F-SL · C32F-SN · C32F-SNL

Digital Day&Night Vision Scope

CHEETAH | Transform the Darkness

Quickly spot targets from early daytime to starry night

This powerful 0.001Lux Starlight Camera captures any objects in great detail with its 2560x1440 UHD resolution.

☀ Day Mode   🌙 Night Mode

0.001Lux
Starlight Camera

2560x1440
UHD Resolution

0.49 inch
OLED

Improved software, easy to use

◆ **Multiple modes available and special defog mode**

The day/night/automatic/defog mode allows you to use CHEETAH in different lighting conditions. Due to a special optical component, it has an increased ability to detect IR information in fog, ensuring 24/7 observation

Day Mode   Night Mode   Automatic Mode   Defog Mode

◆ **The built-in adjustable IR emitter**

The built-in adjustable IR emitter allows you to use the device in total darkness! (Optional for 850nm or 940nm)

Laser rangefinder

Infrared Light

◆ **Built-in laser rangefinder**

Up to 1000m detection range, allows you to determine the distance in various scenarios with great accuracy

Laser rangefinder version is available for specific models

One shot zeroing

Zeroing with Zoom & Freeze function, improves shooting accuracy.

Zoom

Freeze
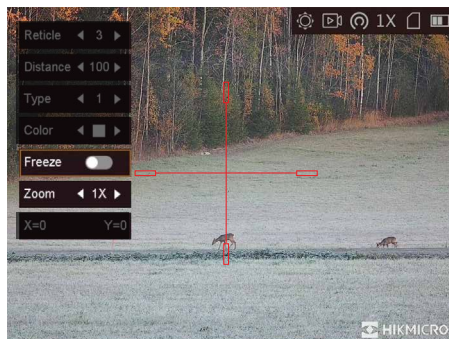
Multiple reticle profiles

5 reticle profiles | 7 colors | 5 reticle groups

colors

Compact yet powerful

Plug and play no further accessories needed, CHEETAH is designed to be a perfect portable hunting partner. This device weighs less than 477g and has improved functions.
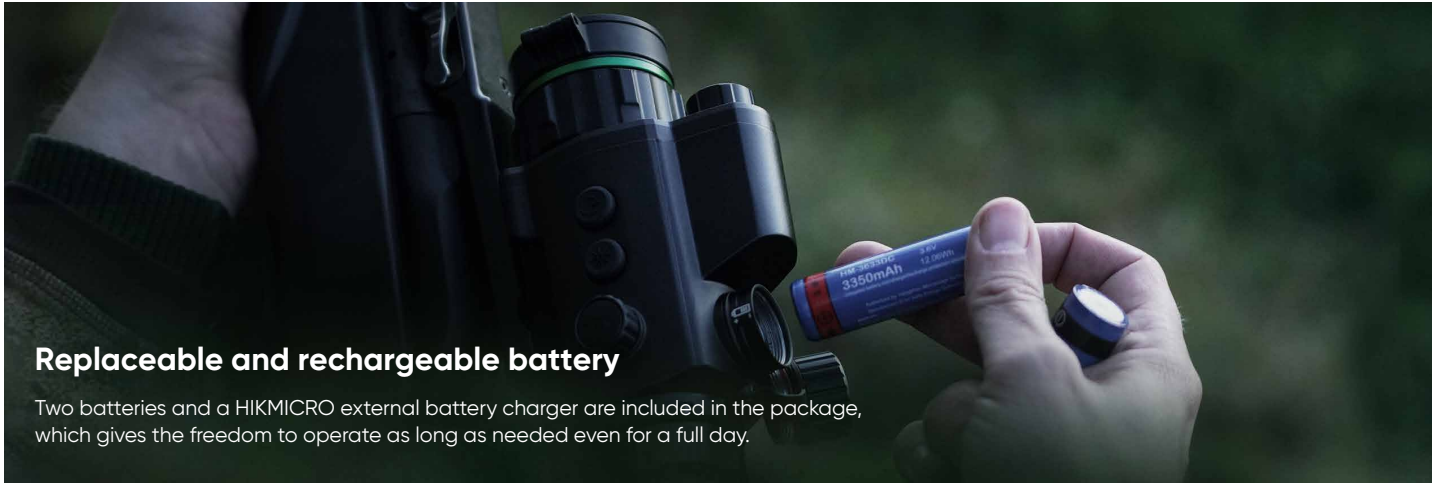
Replaceable and rechargeable battery

Two batteries and a HIKMICRO external battery charger are included in the package, which gives the freedom to operate as long as needed even for a full day.

	C32F-S	C32F-SL	C32F-SN	C32F-SNL
Max. Resolution	2560x1440			
Magnification	2.7x-21.6x			
Display	1920x1080, 0.49 inch, OLED			
Eye Relief	45 mm			
Image Mode	Day/Night/Auto/Defog			
Recoil-activation Recording	Yes			
Freeze Zeroing	Yes			
Battery Operating Time	5.5hours continuous running, 2 rechargeable battery			
Laser Range Finder	/	1000 m	/	1000 m
IR Wavelength	850nm	850nm	940nm	940nm
Weight	≤ 465 g	≤ 477 g	≤ 465 g	≤ 477 g

More Advantages

IP 67 Waterproof rated

Audio recording

Recoil-activation recording

Operating temperatures: -30°C to 55°C (-22°F to 131°F)

C32F · C32F-L · C32F-N · C32F-NL
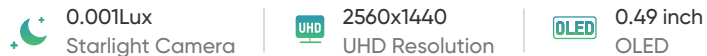C32F-R · C32F-RL · C32F-RN · C32F-RNL

Digital Day&Night Vision Clip-on

CHEETAH | Transform the Darkness

Quickly spot targets from early daytime to starry night

This powerful 0.001Lux Starlight Camera captures any objects in great detail with its 2560x1440 UHD resolution.

Day Mode | **Night Mode**

0.001Lux
Starlight Camera

2560x1440
UHD Resolution

0.49 inch
OLED

Improved software, easy to use

◆ **Multiple modes available and special defog mode**

The day/night/automatic/defog mode allows you to use CHEETAH in different lighting conditions. Due to a special optical component, it has an increased ability to detect IR information in fog, ensuring 24/7 observation

Day Mode | **Night Mode** | **Automatic Mode** | **Defog Mode**
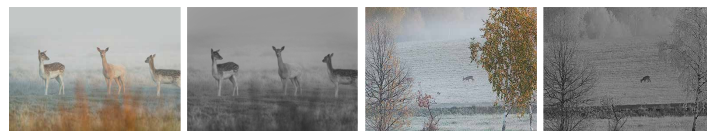
◆ **The built-in adjustable IR emitter**

The built-in adjustable IR emitter allows you to use the device in total darkness! (Optional for 850nm or 940nm)

Laser rangefinder

Infrared Light

◆ **Built-in laser rangefinder**

Up to 1000m detection range, allows you to determine the distance in various scenarios with great accuracy

Laser rangefinder version is available for specific models

Multi-use flexible transformation

CHEETAH's replaceable eyepiece provides an easy and quick way to transform the clip-on to the monocular or scope.

CHEETAH Clip-on

CHEETAH Monocular

CHEETAH Scope

Compact yet powerful

Plug and play no further accessories needed, CHEETAH is designed to be a perfect portable hunting partner. This device weighs less than 477g and has improved functions.

Replaceable and rechargeable battery

Two batteries and a HIKMICRO external battery charger are included in the package, which gives the freedom to operate as long as needed even for a full day.

	C32F	C32F-L	C32F-N	C32F-NL	C32F-R	C32F-RL	C32F-RN	C32F-RNL
Max. Resolution	2560×1440							
Magnification	1x							
Display	1920×1080, 0.49 inch, OLED							
Eye Relief	10 mm							
Image Mode	Day/Night/Auto/Defog							
Recoil-activation Recording	Yes							
Battery Operating Time	5.5hours continuous running, 2 rechargeable battery							
Protection Level	IP67							
Reticle Available	/				Yes			
Laser Range Finder	/	1000 m	/	1000 m	/	1000 m	/	1000 m
IR Wavelength	850nm	850nm	940nm	940nm	850nm	850nm	940nm	940nm
Weight	≤465 g	≤477 g	≤465 g	≤ 477 g	≤ 465 g	≤ 477 g	≤ 465 g	≤ 477 g

More Advantages

IP 67 Waterproof rated

Audio recording

Recoil-activation recording

Operating temperatures: -30℃ to 55℃ (-22°F to 131°F)

NEW

Trail Camera

M15 | Capture Game Efficiently

Convenient 4G Network Reception and Transmission

The captured photos can be transmitted to cellphone through 4G cellular network as what you have configured- real time or on a specific schedule.

◆ **Rich yet ease-to-use functions via HIKMICRO SIGHT App.**

Stay more engaged, informed and efficient.
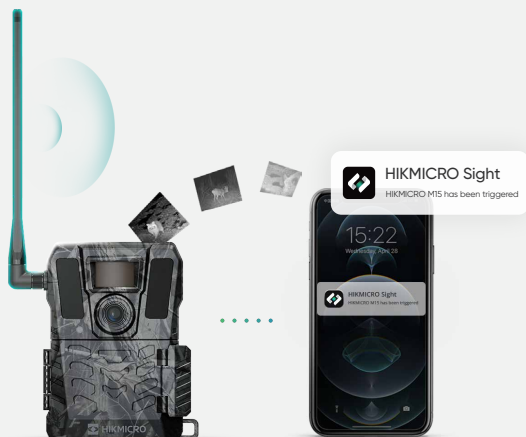
◆ **Cost-efficient and flexible data plan**

*100 pictures per month, upgrade with $0 for extra 300 pictures within time limits. Need more? Support data plan purchasing on the Sight app.

4G
Transmission and reception

Free
Photo transmission

*300 pictures
Every month. No fees.

*This is a limited-time free offer! Please refer to the QR code to see more details.

◆ **Manage camera settings**

Configure photo & video reception and transmission in real-time or on a specific schedule.

◆ **Display of camera status**

Check your camera status with power, network signal, ambient temperature, memory card capacity, data plan and consumption, GPS, etc.
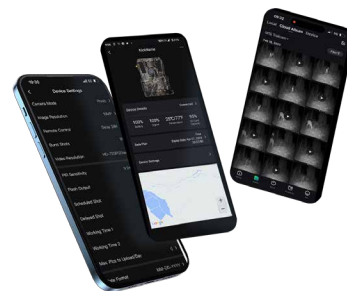
Super Clear Photo and Video Capturing

- Up to 10MP Image Resolution
- 1080P Video with Audio
- 0.5s Trigger Speed
- 940nm invisible IR LEDs

◆ Up to 10MP image resolution & 1080P video resolution

With up to 10MP image and 1080P video resolution, it can take true living color photos or video clips during the day and super clear B&W images or video clips at night with 940nm invisible IR LEDs.

☼ Day   ☾ Night

🔦 940nm invisible IR LEDs

◆ 0.5s trigger speed

The M15 trail camera can be triggered within 0.5 seconds by the movement of animals with a highly sensitive Passive Infrared motion sensor (PIR).

◆ 25m detection range

The camera detects movement at an angle of 45 degrees and has a range of 25 meter (82 ft), which means that it can cover a width of 20 meters at a distance of 25 meters.

Flexible Battery and Memory Card Solution

Please purchase batteries and SD cards separately.

64G — **Recyclable memory card storage**

The oldest recordings in up to 64 GB memory can be overwritten when the storage is full.

Extremely long working time

With 12 pieces of standard AA battery, the camera can work outdoors for a long time.

High Reliability in Harsh Weather Conditions

IP66 — **Operating temp. -20°c to 55°c**
Humidity 5% - 90%

Model	HIKMICRO M15
Image Resolution	Up to 10MP(4240*2385), jpg
Video Resolution	1080P with audio , mp4
Trigger Speed	0.5s
PIR Detection Range	25m(82ft)
PIR Detection FoV	60° diagonal, 45°horizontal(20m width)
Capture Mode	Color by day, B&W by night(940nm IR light)
Cellular Network	4G(embedded in the cam)
App Function	Manage camera settings, display of camera status, monitor data Consumption and plans, configure photo&video reception and Transmission, photo&video browsing and category management
Data Plan	Free : 100 pictures per month with 30 days expiration
Storage	8 to 64 GB memory card(not included) 65600 pcs HD images or 36480 pcs video with 64GB
Power Source	Battery type: Standard AA battery (not included), 6 pcs or 12 pcs. External power: DC 12V input
Working Environment	Operating temperature : -20°c ~ 55°c Humidity : 5%-90%, ip66
Weight & Size	112*86.4*143mm, 440g
Standard Accessory	Installation strap, pre-installed SIM card, antenna, USB cable, QSG

OUTDOOR GEARS FAMILIY

Packed ready, outdoors not only in sight

Powerful and Clear, Fluid and Fun

Powerful thermal detector, image matches your visual experience

Equipped with a 9.7mm lens and 256x 192 @12μm detector, it ensures the thermal image significantly matches your visual experience.

18.1°x13.6° FOV
31.8mx23.8m@100m

9.7 mm
objective lens

970 m
detection range

Model	EXPLORER E20 PLUS
Thermal detector	256 × 192 12 μm
Frame Rate	50 Hz
NETD	≤ 50 mK (@ 25°C, F# = 1.0)
Lens (Focal Length)	9.7 mm F1.0
Magnification	1× to 2x (Digital zoom 2x)
Field of View (H × V), Degrees/m @ 100m	18.1° × 13.6° / 31.8 m × 23.8 m
Image Mode	Birdwatching/Red Hot/White Hot/Black Hot/Rainbow/Ironbow
Power Consumption	360 mW
Dimension	26.6 mm × 26.6 mm × 27.2 mm
Weight	26 g
Other features	Brightness Adjustment/AdjustmentRecord Video/Capture Snapshot/PIP/Digital Magnetic Compass/Hot Track

Plug and Go, Easy to Use

◆ **Mini in pocket, smaller than a watch**

Less than 26 g, just take it as you go.

Weight: **< 26g**
Size: **26.6 mm × 26.6 mm × 27.2 mm**

◆ **Installation takes less than one second, wireless connectivity supported**

Simply plug in the E20Plus to your smartphone and start exploring it with HIKMICRO Sight APP right away.

Brightness ☀
Switch modes ▷◁
Digital zoom
Hot tracking
Gyroscope

Scan to view compatibility

HIKMICRO SIGHT
Hotspot for Mobile APP

App Store   Google Play

1.39'' AMOLED Display

The AMOLED display offers clear, smooth and vivid images and videos even on the move. And photos and videos can be viewed timely through the large display to avoid eye fatigue especially during long-time using.


OTHERS

0.39''

1.39''

HIKMICRO

Model	HIKMICRO HEIMDAL H4D
Resolution	2560x1440
Objective Lens	31mm/F1.2
Digital Zoom	1x, 2x, 4x, 8x
IR Illuminator Wavelength	850nm
Viewing Range at Night	200m
FOV (HxV), degrees/m@100m	13.66x7.71°/ 23.95x13.48m
Display	1.39-inch AMOLED, 454*454
Image Mode	Day/Night/Auto/Defog Mode
Battery	Replaceable and Rechargeable Li-ion Battery, Operating Time:>4h
Weight & Size	153x50x80mm, 375g
Work Temperature& Protection Level	-20°C to +55°C, IP67
Other Features	Electric Image Stabilization, Local Album, Hotspot, Manual Focus, Photo/video Recorder with 32GB Memory

Day & Night Use

◆ **Super Clear Image with EIS**

The 2560×1440 high resolution ensures the super clear image, and with Electric Image Stabilization(EIS) the zoomed image still can keep clear and steady.

☀ Day Mode

☾ Night Mode
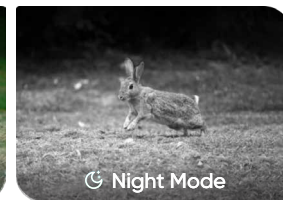
◆ **200m Viewing Range at Night**

With built-in 850nm infrared illuminator, it enables clear viewing with up to 200m viewing range from dawn to complete darkness for 24/7 use.

ACCESSORIES

IR Torch/Bracket

HM-L028IR/
HM-L128IR/
HM-L029IR/
HM-L129IR

HM-GRYPHON-IRB01

APPLY TO : GRYPHON & GRYPHONE LRF

Rail

HM-THUNDER-R

Quick-release Rail:
HM-QR

APPLY TO : All series of THUNDER PANTHER LRF & CHEETAH

Adaptor & Eyepiece

Adaptor:
HM-THUNDER-38A
HM-THUNDER-40A
HM-THUNDER-50A
HM-THUNDER-62A

HM-THUNDER-E

APPLY TO : THUNDER & THUNDER Pro & CHEETAH

THUNDER 2.0 Adaptor:
Support M52*0.75

HM-ADAPTER-30A
HM-ADAPTER-40A
HM-ADAPTER-42A
HM-ADAPTER-44A
HM-ADAPTER-50A
HM-ADAPTER-56A
HM-ADAPTER-58A
HM-ADAPTER-62A

NEW

Eyepiece:
HM-THUNDER 2.0-E

NEW

APPLY TO : THUNDER 2.0

IR Torch Bracket

HM-IRB-A

APPLY TO : ALPEX

Ring

HM-Rings-1-H35

HM-Rings-2-H29
HM-Rings-2-H35

HM-Rings-2-H43

APPLY TO : TELLAR & ALPEX

Battery Charger & Battery

HM-5202AZC

HM-3633DC

APPLY TO : GRYPHON & GRYPHON LRF, FALCON, RAPTOR, PANTHER LRF, CHEETAH, HEIMDAL

HM-CB-T2

NEW

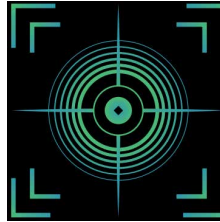
HM-3644DC

NEW

APPLY TO : THUNDER 2.0

Zeroing Targets

NEW

**APPLY TO :
All Thermal Scope & Clip-On**

Monocular Pouch

HM-OUTDOOR-POUCH

APPLY TO : LYNX & LYNX Pro & GRYPHON & FALCON

See the World in a New Way

HIKMICRO OUTDOOR PRODUCTS

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