

# OUTDOOR PRODUCTS

See the world in a new way

# ABOUT HIKMICRO

HIKMICRO, with its innovative technology and corresponding products, aims to lead thermal technology from niche to mass, making more outdoor enthusiasts explore hunting and nature scenes in a brand-new way. It is our vision to create a more relaxed, efficient, and safer atmosphere for outdoor activity around the world.

HIKMICRO provides industry-leading thermal and digital day & night vision monoculars, binoculars, scopes, clip-ons, trail cameras, and thermal cameras for smartphones to apply in hunting and nature scenarios. HIKMICRO offers a new way to explore nature, increasing enjoyment and safety outdoors.





**2008**

**Started**

investing in thermal technology

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**2010**

Released

the first thermal network camera

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**2016**

**HIKMICRO was founded**

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



**2018**

Released 17  $\mu\text{m}$  384x288 / 640x512 detectors

Released outdoor and handheld thermography products

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**2019**

Released 17  $\mu\text{m}$  160x120 detectors

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

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**2020**

Released 12  $\mu\text{m}$  256x192 / 384x288 / 640x512 detectors

Powerful VOx 12 $\mu\text{m}$  imaging detector presents clear and detailed pictures, and offers new experience in observation.

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**2021**

Released 12  $\mu\text{m}$  1280x1024 detectors

In-house 12 $\mu\text{m}$  detectors were widely used on thermal products.

Innovation leader of multi-spectrum monocular in the sector

Combine thermal and digital night vision, the multi-spectrum monocular meets the needs of quick research and clear target identification.

**2022**

Released 384x288/640x512 high sensitivity detectors with NETD<20mK

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

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**2023**

High thermal sensitivity 20mK is widely applied in outdoor products

**2024**

4K released, for day & night hunting

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Download on the  
App Store

GET IT ON  
Google Play



# HIKMICRO SIGHT APP

Easy Connected

## Expand Device Features, New Solutions

### ◆ Firmware upgrade

Simply click on the automatically detected upgrade reminder, to update your device instantly.



### ◆ Browse and save exciting moments

All the captured thrilling images and videos can be found in SIGHT, share them to your social media with 1-Tap.

### ◆ Real-time screen sharing

Share the real-time screen within your hunting team. Up to 3 phones could view the image of a device at the same time.

### ◆ Remote control

Adjust the main parameters of your devices in an easier way on SIGHT.



## Trail Camera Plus SIGHT, Better Plan Hunting Time

After connecting trail camera to SIGHT, not only you can arrange working time of trail camera, but also view captured pictures in cloud album and purchase data plan for recording more moments. Moreover, trail camera can be shared with your hunting team to receive pictures together.

## SIGHT Academy, Know Beyond Your Choices

Here provides all HIKMICRO products knowledge, they are either presented as videos or documents, for you to better operate your own products or know more about other interested.

## Enhanced Service System

Multiple channels in SIGHT to contact us, including online service, hotline, email and etc. Product warranty and repairing process can also be tracking. Want to know more about HIKMICRO? Subscribe newsletter to have the first-hand information.





A close-up, low-angle shot of a man with a beard and tattoos looking through a thermal monocular. He is wearing a green cap and has a black eye patch over his left eye. The background is a bright, overexposed sky. The monocular is black and compact, with a flip-up lens cap. The overall tone is rugged and tactical.

Thermal Monocular

# LYNX S & LYNX Pro

Compact Size, Easy to Carry

LC06S · LE10S · LE15S  
LH15 · LH19 · LH25























## Large OLED Display for More Immersive Observation

LYNX S is equipped with a high resolution 0.32" 800 x 600 OLED, capable of lower power consumption, wider viewing angle, and richer color.

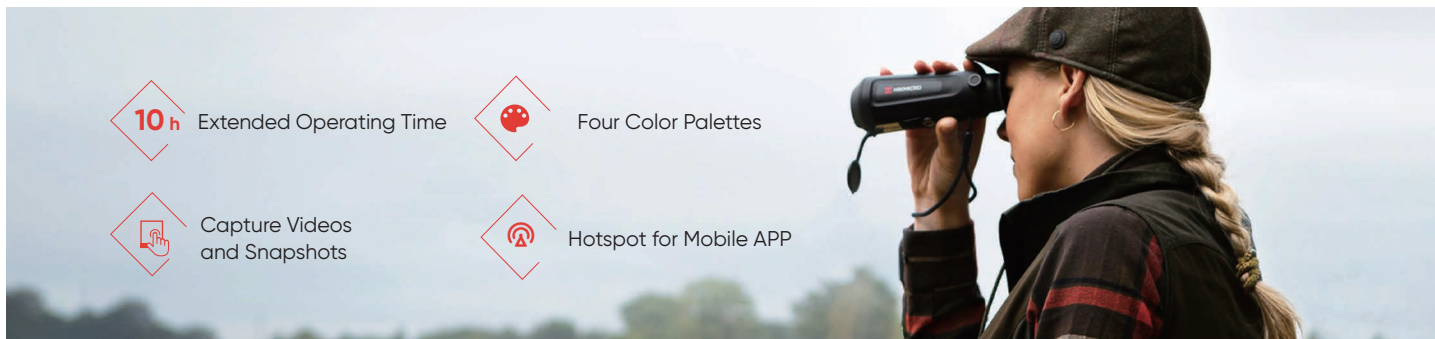
## Compact Size, Easy to Carry

Light Weight Design of 310 g/ 0.68 lb only.



Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification/ Detection range	Thermal Resolution	Battery
 LC06S	The 1.0x basic magnification and 43.8m @ 100m field of view make the thermal vision just the same as your eye's observation.	 Forest	 6.2mm, F1.1	1.0x-4.0x (4x)	24.7°/ 43.8m 50m 250m	 160×120 17μm NETD < 35mK	 10h	
 LE10S	With its basic magnification of 1.5x, 256 detector, and 9.7 mm focal length, it offers a field of view spanning 32m. This compact and convenient device is perfect for capturing detailed images in wooded areas.	 Forest	 9.7mm, F1.0	1.5x-12.0x (8x)	18.0°/ 31.7m 120m 500m	 256×192 12μm NETD < 35mK	 8h	
 LE15S	With an upgraded OLED display, it provides hunters with more fluent and clearer images and an impressive 20.5m@100m field of view and up to 750m detection range in an open field.	  Forest Field	 15mm, F1.0	2.2x-19.6x (8x)	11.7°/ 20.5m 150m 750m	 256×192 12μm NETD < 35mK	 8h	
 LH25	Equipped with powerful 25mm lens and an advanced 384 sensor, this device captures highly detailed images at short and medium distances.	  Forest Field	 25mm, F1.0	2.5x-20.0x (8x)	10.5°/ 18.3m 300m 1200m	 384×288 12μm NETD < 35mK	 7.5h	





	LYNX S			LYNX Pro		
	LC06S	LE10S	LE15S	LH15	LH19	LH25
Sensor	160×120 @17μm	256×192 @12μm		384×288 @12μm		
Focal Length	6.2 mm, F1.1	10 mm, F1.0	15 mm, F1.0	15 mm, F1.0	19 mm, F1.0	25 mm, F1.0
Magnification	1.0x-4.0x (4x)	1.5x-12.0x (8x)	2.2x-17.6x (8x)	1.5 -12.0, 8x	1.9 - 15.2, 8x	2.5 - 20.0, 8x
FOV	24.7°×18.7° / 43.8m×32.9m	18.0°×13.6°/ 31.7m×23.8m	11.7°×8.8°/ 20.5m×15.4m	17.5°×13.1°/ 30.8m×23.0m	13.8°×10.4°/ 24.2m×18.2m	10.5°×7.9° /18.4m×13.8m
Frame Rate	50Hz	50Hz		50Hz		
Manual Focus	No	No			Yes	
Micro Display	800 × 600, 0.32 inch, OLED			0.4-inch, LCOS, 1280×960		
Operating Time	10 h	8 h		7.5 h		
Detection Range	250 m	500 m	750 m	750 m	900 m	1200 m
Operating Temp.	-20°C to 55°C (-4°F to 131°F)	-20°C to 55°C (-4°F to 131°F)				
Weight	250 g	260 g	280 g	290 g	300 g	310 g

Thermal Monocular

**LYNX 2.0**

HIGH  
SENSITIVITY

Compact. Detailed Observation

LH15 2.0 · LH19 2.0 · LH25 2.0

## Sub-20mK High Sensitivity Brings Detailed and Informative Images

With high sensitivity (NETD<20mK) the HIKMICRO LYNX 2.0 thermal monocular delivers detailed and informative images under all weather conditions.

## Advanced Design for Great Operating Convenience

### ◆ Double-Charging Method and Fast Boot-On Bring More Lasting Use

A replaceable and rechargeable battery can support 6.5 hours of continuous running. Moreover, the battery can charge both in the device and the battery charger. Plug and go.

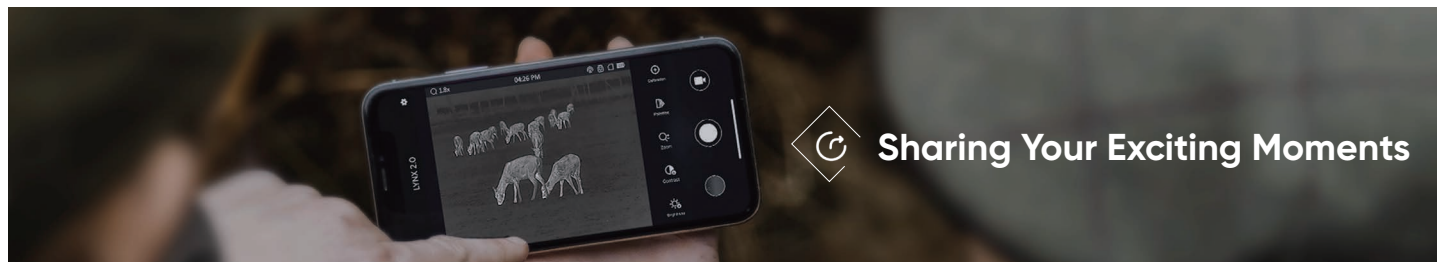























### ◆ Compact Size, Easy to Carry

HIKMICRO LYNX 2.0 is truly pocket-sized - less than 277g, it makes for a compact partner in all scenarios.







Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification/ Detection range	Thermal Resolution	Battery
<b>LH15 2.0</b> 	With a powerful combination of a 384 thermal detector and a free-focus 15mm/F1.0, the LH15 2.0 features with 30.8m wide field of view and is capable of presenting its stunning quality in forest environments.	  Forest	 15mm, F1.0	1.4x-11.2x (8x)	17.5°/ 30.8m	 200m 750m	 12μm NETD < 20mK	 6.5h
<b>LH19 2.0</b> 	The 1.8x basic magnification and up to 900m detection range are provided with a 19mm/F1.0 manual-focus lens, helping to easily target your game no matter if you are in the open field or wooded forest.	  Field Forest	 19mm, F1.0	1.8x-14.4x (8x)	13.7°/ 24.0m	 250m 900m	 12μm NETD < 20mK	 6.5h
<b>LH25 2.0</b> 	Combining detailed observation and compact size, LH25 2.0 has a detection range of 1200 meters, ensuring reliable detection of targets over a wide area, making it the perfect entry-level one for field and forest hunters.	  Field Forest	 25mm, F1.0	2.4x-19.2x (8x)	10.5°/ 18.4m	 350m 1200m	 12μm NETD < 20mK	 6.5h



	LH15 2.0	LH19 2.0	LH25 2.0
Max. Resolution	384 x 288, 12 $\mu$ m	384 x 288, 12 $\mu$ m	384 x 288, 12 $\mu$ m
NETD	Less than 20 mK (@25°C), F# = 1.0		
Lens (Focal Length)	15mm, f1.0	19mm, f1.0	25mm, f1.0
Magnification	1.4x-11.2x (8x)	1.8x-14.4x (8x)	2.4x-19.2x (8x)
Field of View(H $\times$ V), Degrees / m @100m	24.3° $\times$ 18.4° / 43.1m $\times$ 32.4m	13.7° $\times$ 10.3°/24.0m $\times$ 18.0m	10.5° $\times$ 7.9° / 18.4m $\times$ 13.8m
Display	1024 $\times$ 768, 0.39 inch, OLED		
Exit Pupil	6 mm	6 mm	6 mm
Eye Relief	20 mm	20 mm	20 mm
Battery Type	Replaceable and Rechargeable Li-ion Battery		
Operation Time	6.5 hours of continuous running with CVBS and hotspot function off (@25°C)		
Dimension & Weight	164.0 mm $\times$ 56.0mm $\times$ 60.8mm, 272g without battery	172.5mm $\times$ 56.0mm $\times$ 60.8mm, 282g without battery	172.5mm $\times$ 56.0mm $\times$ 60.8mm, 277g without battery
Standard Accessory	Quick Start Guide, Battery (x2), USB Cable, Non-dust Cloth, Protective Bag, Charger, Wrist Strap		

Thermal Monocular

FALCON

HIGH  
SENSITIVITY

All Goals in Sight

FH25 · FH35 · FQ25 · FQ35 · FQ50



## Ultra Clear Image. Command the Detail

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

· NETD < 20mK · Up to 640×512 @12μm · f/0.9 lens · **Image Pro 2.0**



## Replaceable and Rechargeable High Capacity Battery, Non-stop Observation

On one battery pack the device can run up to 7 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

## 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



Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification Range Detection Range	Thermal Detector	Battery
	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 @12μm NETD < 20mK	 7h	
	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 @12μm NETD < 20mK	 7h	
	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 @12μm NETD < 20mK	 5h	
	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 @12μm NETD < 20mK	 5h	
	Detection range up to 2600m and @2.6x optical magnification make hunters have good experience both in the field or forest.	  Field Forest	 50mm, F0.9	2.6 – 20.8 (8x)	 15.3m 700m 2600m	 640×512 @12μm 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 @12μm		
NETD	Less than 20 mK (@25℃), F# = 1.0				
Lens (Focal Length)	25 mm, F1.0	35 mm, F1.0	25 mm, 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)
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℃ - +55℃ (-22°F - +131°F); Humidity: 90% or Less				
Protection Level	IP67	IP67	IP67	IP67	IP67
Dimension	193.8 mm x 66.9 mm x 58.3 mm				206.5 mm x 80.2 mm x 68.2 mm
Weight	500g	505g	500g	505g	636g
Standard Accessory	Carrying Case(x1), Charger(x1), Cell(x2), Neck Strap(x1), Quick Start Guide(X1), Non-dust Cloth(x1), USB Cable(x1), Protective Bag(x1), Wrist Strap (x1)				



A man wearing a green cap with the HIKMICRO logo and a brown jacket is using a thermal monocular mounted on a tripod. He is looking through the device in a forest setting. The background is slightly blurred, showing green foliage and a cloudy sky.

Thermal Monocular

# CONDOR LRF

HIGH  
SENSITIVITY

Image Quality Exploration. Precise Distance Measurement

CH25L · CH35L · CQ35L · CQ50L

## Ultra Clear Image. Impressive Detail Recognition

Powerful high sensitivity (NETD<20mK) thermal detector of HIKMICRO CONDOR thermal imaging monocular with an up to 640 resolution and up to F50/1.0 SDLC lens helps small details of objects and backgrounds to be identified easily and clearly in different weather and light conditions. Moreover, the SDLC coating lens can effectively prevent scratches.

up to **640x512 @12μm**  
Thermal Camera

**Up to 50mm @F1.0**  
SDLC lens

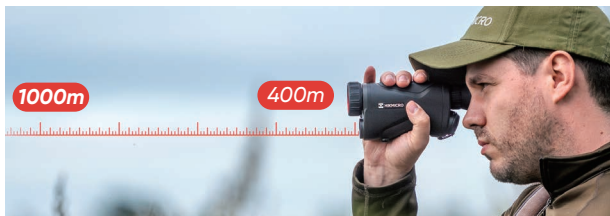
**NETD<20mK**



## Accurate Distance Measurement Aims for an Efficient Game

Range up to  
**1000<sub>m</sub>**

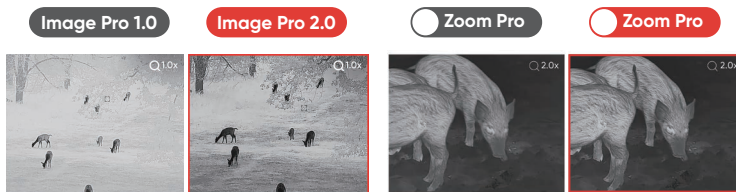
Accuracy of  
**±1<sub>m</sub>**



## Purpose-built image algorithm brings stunning image quality





























**Image Pro 2.0:** Upgraded algorithm optimizes image details under base magnification

**Zoom Pro:** Optimize images during digital zooming



## Perfect Ergonomics, Premium Reliability

HIKMICRO CONDOR's compact and easy-grasp shape design perfectly fits human hands' purlicue. It adopts soft and skin-friendly material to guarantee better operation for both left- and right- hand users.

Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Detection Range	Detector	Battery
<div></div> <div>CH25L</div>	Featuring a powerful 384 detector, a 25 mm focal length, and an impressive 2.5x magnification, the CH25L offers a remarkable field of view of 18 meters. This makes it the ultimate all-rounder.	<div></div> <div></div> <div>Forest</div>	<div></div> <div>25mm, F1.0</div>	2.5 – 20.0 8x	<div></div> <div>18.3m 350m 1200m</div>	<div></div> <div>12μm NETD &lt; 20mK</div>	<div></div> <div>4.5h</div>	
<div></div> <div>CH35L</div>	This versatile device is perfect for capturing detailed images in large, open spaces. With its basic magnification of 3.5x, 384 detector, and 35 mm focal length.	<div></div> <div></div> <div>Field</div>	<div></div> <div>35mm, F1.0</div>	3.5 – 28.0 8x	<div></div> <div>13.1m 500m 1800m</div>	<div></div> <div>12μm NETD &lt; 20mK</div>	<div></div> <div>4.5h</div>	
<div></div> <div>CQ35L</div>	Forest hunters loves its impressive 22 meters field of view and low basic magnification of 2.0x. While field hunters are addicted to the large 35 mm lens caters, providing outstanding detail depth.	<div></div> <div></div> <div>Field Forest</div>	<div></div> <div>35mm, F1.0</div>	2.0 – 16.0 8x	<div></div> <div>22.0m 600m 1800m</div>	<div></div> <div>12μm NETD &lt; 20mK</div>	<div></div> <div>4h</div>	
<div></div> <div>CQ50L</div>	With a focal length of 50mm, in conjunction with 12 μm pixel pitch and the large 640 detector, coupled with a thermal sensitivity of less than 20mK, CQ50L with a 1000m LRF ensures hunters in both open field and forest areas marvelous benefits.	<div></div> <div></div> <div>Field Forest</div>	<div></div> <div>50mm, F1.0</div>	3.0 – 24.0 8x	<div></div> <div>15.2m 700m 2600m</div>	<div></div> <div>12μm NETD &lt; 20mK</div>	<div></div> <div>4h</div>	



## More Advantages

- 3s Fast Boot on
- Auto Screen off

	CH25L	CH35L	CQ35L	CQ50L
Max. Resolution	384 x 288, 12 μm		640 x 512, 12 μm	
NETD	Less than 20 mK (@25°C), F# = 1.0			
Focal Length	25mm, f1.0	35mm, f1.0	35mm, f1.0	50mm, f1.0
Magnification	2.5× to 20.0× (8×)	3.5× to 28.0× (8×)	2.0x – 16.0x (8x)	3.0× – 24.0 x (8x)
Field of View(H × V), Degrees / m @100m	10.5° × 7.9°/ 18.3 m × 13.8 m @ 100 m	7.5° × 5.6°/ 13.1 m × 9.7 m @ 100 m	12.5° × 10.0°/ 21.9 m × 17.5 m @ 100 m	8.7° × 7.0°/ 15.2 m × 12.2 m @100 m
Display	1024 × 768, 0.39 inch, OLED			
Laser Rangefinder	Detection range up to 1000m, with ±1m accuracy			
Exit Pupil	4 mm	4 mm	4 mm	4 mm
Eye Relief	15 mm	15 mm	15 mm	15 mm
Battery Type	Replaceable and Rechargeable Li-ion Battery			
Operation Time	4.5h	4.5h	4h	4h
Dimension & Weight	180.7 mm × 52.7 mm × 85.4 mm 386 g without battery	184.9 mm × 53 mm × 87.8 mm 400 g without battery	184.9 mm × 53 mm × 87.8 mm 400 g without battery	197.1 mm × 60 mm × 94.9 mm 450 g without battery
Standard Accessory	Quick Start Guide(x1), Battery (x3), USB Cable (x1), Non-dust Cloth(x1), Protective Bag (x1), Charger (x1), Hand strap (x1)			

Multi-Spectrum  
Monocular

# GRYPHON LRF

IMAGE  
REVOLUTION

All-in-one Design Meets the Need of All-day &  
All-weather Observation

GH25L · GH35L · GQ35L · GQ50L

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

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



Digital day & night vision



Thermal

## Outstanding Image Algorithm

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



## Advanced Technology

### ◆ Build-in Precision Laser Rangefinder

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

Range up to

**600<sub>m</sub>**

Accuracy of

**±1<sub>m</sub>**

### ◆ 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.



























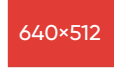

### ◆ New Way to Control

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



## 6 Image Modes



Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification Range Detection Range	Thermal Detector	Battery
 GH25L	With its basic magnification of 2.4x and 25mm focal length, it offers a field of view spanning 18 meters.	 Forest  Field	 25mm, F1.0	2.4 – 19.2 (8x)	 18.4m 250m 1200m	 384×288 @12μm NETD < 35mK	 5h	
 GH35L <sup>HOT</sup>	GH35L offers a remarkable 13m wide field of view. It is designed to excel in the field.	 Field  Forest	 35mm, F1.0	3.4 – 27.2 (8x)	 13.1m 450m 1800m	 384×288 @12μm NETD < 35mK	 5h	
 GQ35L	Equipped with a 35mm lens, and a 2x magnification, GQ35L is the perfect companion for forest and field hunters.	 Forest  Field	 35mm, F1.0	2.0 – 16.0 (8x)	 19.2m 550m 1800m	 640×512 @12μm NETD < 35mK	 4.5h	
 GQ50L <sup>HOT</sup>	Providing an astounding detection range of 2600 meters, it is definitely for field hunters who require reliability.	 Forest  Field	 50mm, F1.0	2.9 – 23.2 (8x)	 15.4m 600m 2600m	 640×512 @12μm NETD < 35mK	 4.5h	

\*The L in the product model represents laser range finder.



## 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.



	GRYPHON LRF			
	GH25L	GH35L	GQ35L	GQ50L
Thermal Sensor	384×288 @12μm		640×512 @12μm	
NETD	< 35mK			
Lens	25 mm, F1.0	35 mm, F1.0	35 mm, F1.0	50mm, F1.2
Magnification	2.4-19.1, 8x	3.4-26.8, 8x	2.0-16.0, 8x	2.9-23.2, 8x
FOV	10.5°×7.9°/ 18.4m×13.8m	7.5°×5.7°/ 13.1m×10.0m	11.0°×8.8°/ 19.3m×15.4m	8.8° × 7.0°/ 15.4m×12.2m
Visible Camera	1/2" Progressive Scan CMOS, 1920×1080			
Laser Rangefinder	Wavelength: 905 nm, Measurement range: up to 600 m, Accuracy: ±1 m			
Display	0.39-inch, 1024×768 OLED			
Operating Time	Up to 6 h		Up to 4.5 h	
Detection Range	1200 m	1800 m	1800 m	2600 m
Operating Temp.	-30°C to 55°C (-22°F to 131°F)			
Weight	510 g	510 g	510 g	548 g

Multi-Spectrum  
Binocular

# HABROK 4K

Digital Hunting Daywalker

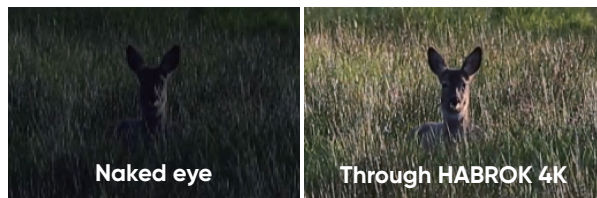
HE25L 5.5-22X60 · HE25LN 5.5-22X60

# All-in-One Design Simplifies the Way You Hunt for Full Days, Especially from Twilight to Night



## ◆ Full Color 4K UHD Brings Vivid Images Even at Twilight

The high-tech Full-Color 4K UHD detector of HABROK 4K brings crystal clarity during daytime, even at twilight, providing the extra few minutes you need on a hunt.



## ◆ 1000m Built-in Laser Rangefinder for Accurate Distance Measurement

## ◆ 5.5-22X60 Covers Your Various Observation Needs

you can zoom HABROK 4K in and out freely from catching whole surroundings to recognizing the smallest details, such as a deer's antler, or sexuality features, within 150m during daytime.



## ◆ Quick Scan and Search with Thermal Technology

HABROK 4K's thermal camera presents animal's heat signal, enabling a quick scan and search efficiency in open wilds.



## ◆ IR Emitter Brings Superior Clarity in B/W in Darkness



















With optional 850nm or 940nm wavelength and 3-level adjustable emitter power, users are able to see extra miles with superior clarity in total darkness.



# Classic Style with Innovative Designs Builds up an Exceptional Viewing Experience

- ♦ 60-74mm adjustable interpupillary distance and foldable eyepieces
- ♦ 0.49" 1920x1080 large OLED screen
- ♦ Rugged magnesium housing
- ♦ Compact and lightweight <800g



Model	Scenarios	Spectrum	Lens	Magnification	IR Wavelength	FOV (@100 m)	Identification/ Detection Range	Detector	Battery
<b>HE25L</b> <span>HOT</span> 5.5-22X60 	 Field	Digital	 60mm, F2.2	5.5x-22x 4x	 850nm	 12m 250m 400m		<b>4K</b> 3180x2160	 ≥ 8h
	 Forest	Thermal	 25mm, F1.0	4.3x-17.2x 4x	/	 12.2m 350m 1200m		<b>256×192</b> @12μm NETD<35mK	
<b>HE25LN</b> <span>HOT</span> 5.5-22X60 	 Field	Digital	 60mm, F2.2	5.5x-22x 4x	 940nm	 12m 200m 350m		<b>4K</b> 3180x2160	 ≥ 8h
	 Forest	Thermal	 25mm, F1.0	4.3x-17.2x 4x	/	 12.2m 350m 1200m		<b>256×192</b> @12μm NETD<35mK	

# Digitalize Your Hunting Experience

One big joy of hunting trips is to share your fascinating adventures with others. With HIKMICO HABROK 4K, you are able to create photos and videos of your exciting highlights, save them in Local Album and share them on social media by connecting to SIGHT APP.

- ◆ Audio & Video Recording
- ◆ Local Album
- ◆ APP Connection



Category	SPEC	HE25L 5.5-22x60	HE25LN 5.5-22x60
Thermal Module	Detector	256x192, 12 $\mu$ m	
	NETD	< 35 mK (@25°C), F#=1.0	
	Focal Length	25mm, F1.0	
	Magnification	4.3x-17.2x (4x)	
	Field of View(H × V), Degrees / m @100m	7.0°×5.3°/12.2m×9.3m	
	Detection Range	1200m	
Digital Module	Max. Resolution	3180x2160	
	Focal Length	60mm, F2.2	
	Magnification	5.5x-22x (4x)	
	Field of View(H × V), Degrees / m @100m	6.9°x4.1° / 12.0m × 7.2m	
	IR Illuminator Wavelength	850nm	940nm
	Detection Range at night	400m	350m
Laser Rangefinder		1000m (@± 1m accuracy)	
Display		0.49 inch, OLED, 1920 ×1080 sub-Round Shape Screen	
Interpupillary Adjustment Range		60-74mm	
Dimension & Weight		138mm × 68.2 mm × 223 mm, 800 g without battery	
Other features		Zoom Pro Image Algorithm, video recording, audio recording, local album, GPS, Digital Magnetic Compass	

Multi-Spectrum  
Binocular

# HABROK

HIGH  
SENSITIVITY

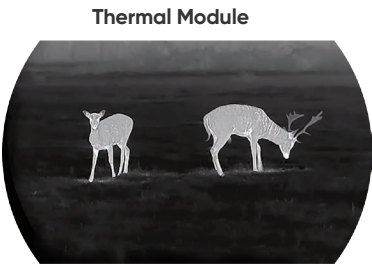
24/7 Compact Game Partner

HH35L · HH35LN · HQ35L · HQ35LN

# Ultra Clear Image, Impressive Detail Recognition

Equipped with extremely high thermal sensitivity (**NETD<20mK**), HABROK 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.

Besides, a powerful **0.001Lux 2560x1440** Starlight Camera captures subjects in a bright and vivid image in the daytime, as well as delivering superb detail in low-light conditions.



**< 20mK**  
NETD

Thermal Module

**Up to 640x512**  
Thermal Camera

**35mm, F1.0**  
Powerful Lens



Digital Module

**2560x1440 HD**  
Optical Camera

**31mm, F1.2**  
Lens

# Classic Style with Innovative Designs and Premium Reliability

## ◆ Classic Binocular Compact Design

HABROK adopts the classic daytime binocular appearance.



**Weight < 780g**  
**Exemplary ergonomic**  
**Intuitive button arrangement**

## ◆ Comfortable Visual Experience

Both lenses support focus adjustment. The interpupillary distance is also adjustable from 60mm to 70mm. The 1920x1080 sub-round 0.49" large OLED display delivers an immersive hunting experience.

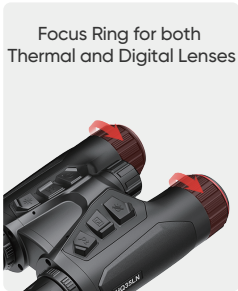


Adjustable  
Interpupillary Distance

**60mm-70mm**



Adjustable IR Beam Angle  
7.6-11.5°



Focus Ring for both  
Thermal and Digital Lenses

## ◆ Robust Magnesium Alloy Housing Design for a Better Durability



























# All-in-one Design Built for Various Scenarios

**IR Emitter:** The built-in adjustable IR emitter allows you to use the device in total darkness. (Optional model for 850nm/940nm)

**LRF:** The integrated laser rangefinder with a range of up to 1,000m @± 1m accuracy enables users to precisely measure distances and make informed decisions.



Model	Introduction	Scenarios	Spectrum	Lens	Magnification	FOV (@100 m)	Detection Range	Detector	Battery
<b>HH35L / HH35LN</b> 	HH35L & HH35LN offer the perfect all-in-one solution for both field and hunting hunters. With its 384 thermal detector and impressive 5x magnification, you won't miss any detail. No matter the distance, you can trust the LRF to provide precise measurement up to 1000m.	 Field	Thermal	 35mm, F1.0	4.0 – 32.0 8x			384×288  @12μm NETD < 20mk	 ≥ 6h
		 Forest	Digital	 31mm, F1.2	2.9 – 23.2 8x	<b>HH35L</b> 		2560×1440 	
<b>HQ35L / HQ35LN</b> 	With a powerful combination of a 640 thermal detector, 2560 CMOS detector, a 35mm/F1.0 lens with a basic 3x magnification, HQ35L & HQ35LN deliver unparalleled accuracy and clarity, suitable for a wide range of hunting scenarios.	 Forest	Thermal	 35mm, F1.0	3.0 – 24.0 8x			640×512  @12μm NETD < 20mk	 ≥ 6h
		 Field	Digital	 31mm, F1.2	2.9 – 23.2 8x	<b>HQ35L</b> 		2560×1440 	

## Smart Auto Screen off to Save Battery Energy

HABROK will stand by automatically at a lateral tilt of 75° as well as at a downward or upward tilt of 70° according to its integrated algorithm.



Category	SPEC	HH35L	HH35LN	HQ35L	HQ35LN
Thermal Module	Detector	384 x 288, @12um		640 x 512, @12um	
	NETD	< 20 mK (@25°C),F#=1.0			
	Focal Length	35mm, F1.0		35mm, F1.0	
	Magnification	4.0x-32.0x (8x)		3.0x-24.0x (8x)	
	Field of View(H × V), Degrees / m @100m	7.5°×5.7°/13.2m×9.9m		12.5°×10.1°/22.0m×17.6m	
	Detection Range	1800m		1800m	
Optical Module	Max. Resolution	2560 x 1440			
	Focal Length	31mm, F1.2			
	Magnification	2.9x-23.2x (8x)			
	Field of View(H × V), Degrees / m @100m	13.9°x7.8° / 24.4m × 13.6m		13.9°x7.8° / 24.4m × 13.6m	
	IR Illuminator Wavelength	850nm	940nm	850nm	940nm
	Detection Range at night	400nm	350nm	400nm	350nm
Laser Rangefinder		1000m (@± 1m accuracy )			
Display		0.49 inch, OLED, 1920 ×1080 sub-Round Shape Screen			
Battery Supply		≥ 6 h (25°C, with hotspot off), Replaceable and Rechargeable 18650 Battery			
Dimension & Weight		212.4 mm × 138.2 mm × 68.4 mm, 780 g without battery			
Standard Accessory		Battery Charger, Type-C Cable, Lint-free Cloth, Battery (x4), QSG, Bag, Neck Strap, Tripod Adapter			

Multi-Spectrum  
Binocular

# HABROK Pro

Inspiration in Details

HQ50L · HQ50LN · HX60L · HX60LN

## Vivid, Informative, and Layered Thermal Images with Inspiration

- ◆ **High-End 1280 Thermal Detector, Ultra Clear Image with Impressive Details**

The thermal detector up to 1280×1024, HABROK Pro unlocks an unrivaled flagship imaging of both game and surroundings without details missing.

up to **1280×1024**  
Thermal Camera

**15/18mK**  
High Sensitivity

**Image Pro 2.0**  
Innovative Algorithm



- ◆ **NETD<15/18mK, Extremely High Thermal Sensitivity**
- ◆ **Innovative Image Pro 2.0 Algorithm Brings Stunning Images**

The algorithm offers optimized details, a more layered background, and less noise, offering a more meticulous portrayal for hunters to make decisions.

## High-Tech 4K+ Digital Detector Brings a Visual Revolution

- ◆ **Unbeatable Low-Light Performance with 4K UHD Detector**

The thermal detector up to 1280×1024, HABROK Pro unlocks an unrivaled flagship imaging of both game and surroundings without details missing.

**4K UHD**  
Digital Camera

**60mm**  
Focal Length

**F2.2**  
Aperture



- ◆ **Detachable IR Emitter, Superior Clarity in Darkness and Excellent Flexibility**
- ◆ **Hassle-Free Viewing with Image Stabilization Algorithm (Available in Nov.)**

Steady images and avoids dazzling or blurring especially in low-light conditions.



# All-in-one Design with Ease-of-Use and Premium Reliability

- ♦ All-in-one design fits all day and night games, solving your searching, observing, identifying, and distance measuring needs at once.


























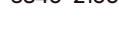
Thermal  
Lens

Digital  
Lens

IR Emitter

Laser Rangefinder  
1000m, ±1m accuracy



Model	Scenarios	Spectrum	Lens	Magnification	IR Wavelength	FOV (@100 m) Identification / Detection Range	Detector	Battery
HQ50L / HQ50LN 	 Field	Thermal	 50mm, F1.0	4.3x-20x (4.6x)	/	 15.4m 700m 2600m	 640×512 @12μm NETD<15mK	 ≥ 7h
		Digital	 60mm, F2.2	5.5x - 22.0x (4x)	 HQ50L: 850nm	 12.6m 250m 400m	 4K 3840×2160	
	 HQ50LN: 940nm				 12.6m 200m 350m			
	HX60L / HX60LN 	 Field	Thermal	 60mm, F1.0	2.6x-20x (7.7x)	/	 25.6m 800m 3100m	
Digital			 60mm, F2.2	5.5x - 22.0x (4x)	 HX60L: 850nm	 12.6m 250m 400m	 4K 3840×2160	
		 HX60LN: 940nm			 12.6m 200m 350m			
		 Forest	Thermal	 60mm, F1.0	4.3x-20x (4.6x)	/	 15.4m 700m 2600m	 640×512 @12μm NETD<15mK

- ◆ **Smart Standby for Extended 7h Battery Life**  
(tested at -20°C and with LRF on)

- ◆ **0.49" 1920x1080 Large OLED Screen for an Immersive View Experience**

Category	SPEC	HQ50L	HQ50LN	HX60L	HX60LN
Thermal Module	Detector	640×512		1280×1024	
	NETD	Less than 15 mK (@25°C, F#=1.0)		Less than 18 mK (@25°C, F#=1.0)	
	Focal Length	50mm, F1.0		60mm, F1.0	
	Magnification	4.3x-20x (4.6x)		2.6x-20x (7.7x)	
	Field of View(H × V), Degrees / m @100m	8.8° × 5.3°/ 15.4 m × 9.3 m		14.6°×8.8°/25.6 m×15.4 m	
	Detection Range	2600 m		3100 m	
Digital Module	Max. Resolution	3840×2160			
	Focal Length	60mm, F2.2			
	Magnification	5.5x to 22.0x (4x)			
	Field of View(H × V), Degrees / m @100m	7.3°× 4.1° / 12.6 m × 7.2 m			
	IR Illuminator Wavelength	850 nm	940 nm	850 nm	940 nm
	Viewing Range at Night	400 m	350 m	400 m	350 m
Laser Rangefinder		1000 m (±1 m accuracy)			
Display		0.49 inch, OLED, 1920 × 1080			
Battery Supply		up to 7 h (-20°C, with hotspot off, LRF and Zoom Pro on), Replaceable and Rechargeable Li-ion Battery Pack			
Dimension & Weight		142.9 mm × 79.7 mm × 230.5 mm, 975g with battery pack		152.8 mm × 81.95 mm × 231.5 mm, 1050g with battery pack	
Standard Accessories		Quick Start Guide (x1), Battery Pack (x2), Type-C Cable (x1), Lint-Free Cloth (x1), Charger (x1), Neck Strap (x1), Tripod Adapter (x1), Binocular Harness (x1)			

Multi-Spectrum  
Binocular

# RAPTOR

QUAD  
SENSOR

Break through Visual Limitation

RH50L · RQ50L · RH50LN · RQ50LN

# The All-In-One Solution

In combination with thermal camera, digital day&night camera and IR illuminator, 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.



## Purpose-Built Intelligent Features

### ◆ Smart IR

### ◆ Local Album

### ◆ 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.

### ◆ Self-developed Image Algorithm: 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.



**Zoom Pro on**



**Zoom Pro Off**



## More Advantages



Thermal mode |  
Digital mode |  
Image fusion















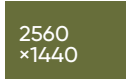




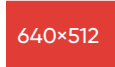







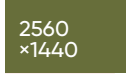
Replaceable and  
rechargeable battery



Full color  
1024x768 HD  
OLED display



Picture-in-Picture

Model	Introduction	Scenarios	Thermal Lens/ Digital Lens	Magnification	FOV (@100 m)	Identification Range Detection Range	Thermal Detector	Battery
<div>RH50L/ RH50LN</div> <div></div>	Equipped with a powerful 384 sensor, a 50mm lens, and an impressive 5.7x magnification, the RH50L & RH50LN deliver unparalleled accuracy and clarity, making it suitable for a wide range of hunting scenarios.	<div></div> <div>Forest</div>	<div></div> <div>50mm, F0.9</div>	5.7 – 91.2 (16x)	<div></div> <div>9.3m700m2600m</div>		<div></div> <div>384×288</div> <div>@12μm NETD &lt; 20mK</div>	<div></div> <div>8h</div>
		<div></div> <div>Field</div>	<div></div> <div>31mm, F1.2</div>	2.9-46.4 (16x)	<div><div>RH50L</div><div></div><div>24.4m150m400m</div></div> <div><div>RH50LN</div><div></div><div>24.4m100m350m</div></div>	<div></div> <div>850nm</div> <div></div> <div>940nm</div>	<div></div> <div>2560 ×1440</div>	
<div><div>HOT</div><div>RQ50L/ RQ50LN</div></div> <div></div>	The RQ50L & RQ50LN offer the perfect all-in-one package for both field and forest hunters. With its powerful combination of a 640-detector, 3.4x basic magnification, and a 15m wide field of view, you won't miss any detail.	<div></div> <div>Forest</div>	<div></div> <div>50mm, F0.9</div>	3.4 – 54.4 (16x)	<div></div> <div>15.4m750m2600m</div>		<div></div> <div>640×512</div> <div>@12μm NETD &lt; 20mK</div>	<div></div> <div>8h</div>
		<div></div> <div>Field</div>	<div></div> <div>31mm, F1.2</div>	2.9-46.4 (16x)	<div><div>RQ50L</div><div></div><div>24.4m150m400m</div></div> <div><div>RQ50LN</div><div></div><div>24.4m100m350m</div></div>	<div></div> <div>850nm</div> <div></div> <div>940nm</div>	<div></div> <div>2560 ×1440</div>	

# 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



Category	SPEC	RH50L	RQ50L	RH50LN	RQ50LN
Thermal Module	Thermal Sensor	384×288 @12μm	640×512 @12μm	384×288 @12μm	640×512 @12μm
	NETD	<20mK (@25°C,F#=1.0)			
	Objective Lens	50 mm, F0.9			
	Magnification	5.7x- 91.2x (16x)	3.4x -54.4x (16x)	5.7x- 91.2x (16x)	3.4x -54.4x (16x)
	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
Digital Day&Night Vision Module	Detection Range	2600 m			
	Resolution	2560x1440			
	Objective Lens	31 mm, F1.2			
	Magnification	2.9x-46.4x(16x)			
	Min. Illumination	0.001 lux @ (F1.0 , AGC 0n)			
	IR Illuminator Wavelength	850 m		940 m	
	Viewing Range at Night	400 m		350 m	
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			
	Image mode	Digital 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. Operating time: >8h			
Function	Other Features	Automatic Display On & Off, Smart IR, GPSEDMC, 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			
	Standard Accessory	Neck Strap, Wrist Straps (x2), Lens Cloth, Quick Start Guide, Carrying Case, Power Cable, Battery Charger, Batteries(x6), Adapter			



Thermal Scope

# STELLAR 3.0

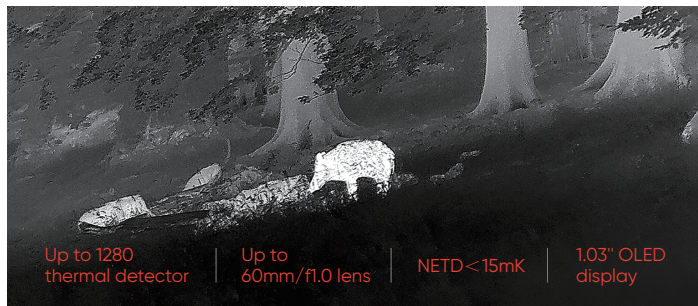
Dominate the Darkness with Precision

SX60L 3.0 · SQ50L 3.0 · SQ35L 3.0  
SH50L 3.0 · SH35L 3.0 · SH35 3.0

## Ultra-Sensitive Thermal Imaging With Larger OLED Display

Thermal resolution: 384, 640 & 1280 | NETD < 15mK (SX60L 3.0 18mK) |  
Lens: 35mm, 50mm & 60mm

- ◆ With the first breakthrough of STELLAR 3.0, the NETD is less than 15mK, the device's ability to perceive temperature differences has reached a new level.
- ◆ The larger 1.03" OLED screen with 2560x2560 resolution provides cinema-quality hunting trips, helping you observe more details, get rid of eye fatigue and improve shooting accuracy.



## More Advantages

- ◆ Image Pro 2.0
- ◆ 1000g/0.4ms Shock Resistance
- ◆ Quick Zeoring
- ◆ 9h Operation Time

## Seamless Viewing With Groundbreaking Shutterless (HSIS) Tech

Except SX60L 3.0

HSIS (**HIKMICRO Shutterless Image System**) provides an uninterrupted viewing experience, and it causes no image quality loss based on the continuous study of the different grey backgrounds.



## 1000m LRF module in the lens with optimized ballistic calculation

The built-in lens LRF design is only applied on SQ50L3.0 and SX60L 3.0.

The innovative built-in lens LRF with optimized ballistic calculation not only maintains the traditional scope shape, but also ensures accurate ranging and shooting at any distance.







































## Fine-Tuned 1.3 cm @ 100m Clicks for Sharper Targeting

SQ50L 3.0 (SX60L 3.0) is able to reach 1.3cm (2cm) per unit at 100m when zeroing.

STELLAR 3.0 provides very accurate zeroing adjustments, as fine as 1.3 cm @100m. This makes it easier to set up your thermal imaging scope perfectly, helping you shoot more accurately and improve your hunting success.



Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification/ Detection Range	Detector	Battery
 <b>SH35(L) 3.0</b> <span>HOT</span>	The 4.2x mag, 384 resolution, and a 35 mm lens, provides a broad perspective that covers an area of 13m@100m.	  Field Forest	 35mm, F1.0	4.2x – 24.2x	 13.1m 450m 1800m	 384×288 @12μm NETD < <b>15mK</b>	 ≥ 9h	
 <b>SH50L 3.0</b>	Featuring a 6.0x basic mag, a 384 sensor, and a robust 50mm lens, SH50L 3.0 stands out with its 2600-meter detection capability.	 Field	 50mm, F1.0	6.0x – 24.0x	 9.3m 500m 2600m	 384×288 @12μm NETD < <b>15mK</b>	 ≥ 9h	
 <b>SQ35L 3.0</b>	A desirable option for woods hunters, thanks to its expansive 22-meter field of view and a modest 2.5x base mag.	  Field Forest	 35mm, F1.0	2.5x – 24.5x	 22.0m 550m 1800m	 640×512 @12μm NETD < <b>15mK</b>	 ≥ 9h	
 <b>SQ50L 3.0</b> <span>HOT</span>	Equipped with a 50mm lens and a substantial 640 detector, it has a 15.4m @100m field of view.	  Field Forest	 50mm, F1.0	3.6x – 26.6x	 15.4m 700m 2600m	 640×512 @12μm NETD < <b>15mK</b>	 ≥ 9h	
 <b>SX60L 3.0</b>	The 60mm thermal lens and 2.5x base magnification provide a wide field of view to 25.6m @100m and an ultra-long 3100m detection range.	  Field Forest	 60mm, F1.0	2.5x – 28.5x	 25.6m 800m 3100m	 1280× 1024 @12μm NETD < <b>18mK</b>	 ≥ 9h	



	SH35	SH35L 3.0	SH50L 3.0	SQ35L 3.0	SQ50L 3.0	SX60L 3.0
Max. Resolution	384 × 288, @12 μm			640 × 512, @12 μm		1280 × 1024, @12 μm
NETD	Less than 15 mK (@25°C), F# = 1.0					Less than 18 mK (@25°C), F# = 1.0
Lens (Focal Length)	35mm, f1.0	35mm, f1.0	50mm, f1.0	35mm, f1.0	50mm, f1.0	60mm, f1.0
Magnification	4.2x – 24.2x	4.2x – 24.2x	6.0x – 24.0x	2.5x – 24.5.x	3.6x-26.6x	2.5x-28.5x
Field of View(H × V), Degrees / m @100m	7.5° x 5.7° / 13.1m x 9.9m	7.5° x 5.7° / 13.1m x 10.0m	5.3° x 4.0° / 9.3m x 7.0m	12.5° x 10.0° / 21.9m x 17.5m	8.8° x 7.0° / 15.4 m x 12.3 m	14.6° x 11.7° / 25.6m x 20.5m
Display	2560 × 2560, 1.03-inch OLED					
Exit Pupil	6mm	6mm	6mm	6mm	6mm	6mm
Eye Relief	45mm	45mm	45mm	45mm	45mm	45mm
Max. Recoil	1000g/0.4ms					
Battery Type	Two rechargeable Lithium batteries (internal), one replaceable and rechargeable 18650 battery (external)					
Operation Time	9h	9h	9h	9h	9h	9h
Dimension	410mm x 85 mm x 69.4mm	410mm x 85mm x 86.3 mm	418.5mm x 84mm x 92.4mm	410mm x 85mm x 86.3 mm	422.5mm x 88.4mm x 74.5mm	452.6mm x 94.3mm x 78.9mm
Weight	800g without external battery	830g without external battery	880g without external battery	830g without external battery	860g without external battery	1000g without external battery
Standard Accessory	Quick Start Guide(x1), Battery (x2), Type-C cable (x1), Dust-free Cloth(x1), Bag (x1), Battery Charger (x1)					



Thermal Scope

# STELLAR 2.0

HIGH  
SENSITIVITY

Traditional Tube Meets Powerful Performance

SQ50 2.0

## Vivid, Informative, and Layered Image

### ♦ Ultra Clear Image, Impressive Detail Recognition

Equipped with NETD<20mK, STELLAR 2.0 ensures informative images and an enhanced identification capability even under the slightest temperature differences.



### ♦ Advanced Design Brings Stunning Image Quality

The 1920x1080 0.49" large OLED display with Image Pro Algorithm of STELLAR 2.0 unlocks new and eye-pleasing observing perspectives, delivering an immersive hunting experience.



## Ultra-Low Power Consumption, No Exciting Moments Missed

2 internal rechargeable batteries plus 1 replaceable and rechargeable 18650 battery provide STELLAR 2.0 an impressive 11-hour continuous running time.



## Classic Style with Premium Reliability

### ♦ Tradition Retention

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



♦ Material  
**Aluminum Alloy**

Working Temperature  
**-30°C to 55°C**



# Easy and Customized Hunting in Settings

## ◆ Multiple Reticle Profiles

Multiple profiles can be configured and saved to meet individual needs.

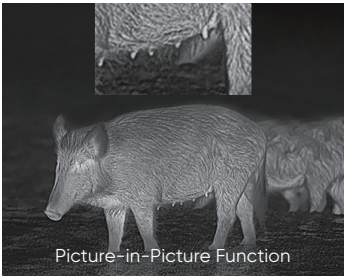
5 Reticle Groups | 4 Color | 10 Reticle types









## ◆ Purpose-Built Features for a Better Operation Experience

- An accurate PIP (Picture-in-Picture) function magnifying the center area of reticle.
- A continuous digital zooming up to 8x.
- Central wheel design.

STELLAR 2.0 allows you clearly evaluate the target and make right decisions.



Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Detection Range	Detector	Battery
<div>SQ50 2.0</div> <div></div>	<p>With a powerful combination of a 640 thermal detector, a 50mm/F1.0 lens with a basic 3.3x magnification and 0.49" 1920x1080 large OLED Display, SQ50 2.0 deliver unparalleled accuracy and clarity, suitable for a wide range of hunting scenarios.</p>	<div></div> <div>Field Forest</div>	<div></div> <div>50mm, F1.0</div>	<div>3.3x-26.4x (8x)</div>	<div></div> <div>15.4m 650m 2600m</div>	<div><div>640 × 512</div><div>12μm NETD &lt; 20mK</div></div>	<div></div> <div>≥ 11h</div>	

SPEC	HIKMICRO STELLAR S050 2.0
Detector	640 x 512, 12 µm
NETD	< 20 mK (@25°C), F#=1.0
Focal Length	50mm, F1.0
Magnification	3.3x-26.4x (8x) Supports continuous zooming
Field of View(H × V)	8.8° × 5.3°/15.4 m × 9.2 m
Detection Range	2600 m
Display	0.49 inch, OLED, 1920 × 1080 sub-Round Shape Screen
Built-in memory, GB	64GB
Battery Supply	11h+ (25°C, with hotspot off), Two rechargeable Lithium batteries (internal), one external 18650 battery
Dimension & Weight	425.4mm×84mm ×71.4mm, 950g without external batteries
Mounting	Standard 30mm
Max. Recoil	1000g/0.4ms
Zeroing Profiles	5
Other Features	Image Pro Algorithm, video & audio recording, recoil-activation recording
Standard Accessories	QSG, Type-C Cable, Lint-free Cloth, Battery (x1), Battery Charger, Bag



A man in a plaid shirt and a cap with "MICRO" on it is looking through a thermal scope mounted on a rifle. The background is a field of tall grass. Another person is visible in the background, also holding a rifle.

Thermal Scope

# STELLAR

UP to 15h Active Use

SH35 · SQ35 · SH50 · SQ50



## Easy and Customized Hunting in Settings

### ◆ Precise and Simple Zeroing

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



### ◆ Multiple Reticle Profiles

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

· 5 Reticle Groups · 10 Reticle Types · 4 Colors



Recoil-activation  
Recording



Audio Recording



30 mm

## Tradition Retention

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



15<sup>h</sup>




























## Ultra Low Power Consumption

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

2600<sup>m</sup>

## Ultra Long Detection Range

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

Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification Range Detection Range	Thermal Detector	Battery
 <p>SH35</p>	The advanced 384 detector and 35mK NETD guarantee precise, quick and effortless species identification for hunting game.	  <p>Field Forest</p>	 <p>35mm, F1.0</p>	2.7 – 21.6, 8x	13.1m	 <p>400m 1800m</p>	<div>384×288</div>  <p>@12μm NETD &lt; 35mK</p>	 <p>15h</p>
 <p>SH50</p>	With a 3.9x basic magnification, 384 detector, and powerful 50mm lens, SH50 excels in field with 2600 long detection range.	 <p>Field</p>	 <p>50mm, F1.0</p>	3.9 – 31.2, 8x	9m	 <p>450m 2600m</p>	<div>384×288</div>  <p>@12μm NETD &lt; 35mK</p>	 <p>15h</p>
 <p>SQ35</p>	A wide FOV of 22m @100m and 640 detector make it perfect for both forest and field areas, delivering exceptional image quality.	  <p>Field Forest</p>	 <p>35mm, F1.0</p>	1.6 – 12.8, 8x	22m	 <p>500m 1800m</p>	<div>640×512</div>  <p>@12μm NETD &lt; 35mK</p>	 <p>13h</p>
 <p>SQ50</p>	With a powerful 640 detector, 50mm lens, 2.3x magnification, a wide 15m FOV, whether in open fields or dense forest, SQ50 can deliver outstanding performance.	  <p>Field Forest</p>	 <p>50mm, F1.0</p>	2.3 – 18.4, 8x	15m	 <p>650m 2600m</p>	<div>640×512</div>  <p>@12μm NETD &lt; 35mK</p>	 <p>13h</p>



## More advantages:

- Intuitive, silent operation
- Magnesium-aluminum housing

	SH35	SH50	SQ35	SQ50
Detector	384 x 288 @12μm		640 x 512 @12μm	
NEYD	≤35mK @25°C			
Focal Length	35 mm, F1.0	50 mm, F1.0	35 mm, F1.0	50 mm, F1.0
Field of View (H x V), Degrees / m@100m	7.5° × 5.7° / 13.1 m × 10.0m	5.3° × 4.0° / 9.3m x 6.9m	12.5° × 10.0° / 21.9m x 17.6m	8.8° × 7.0° / 15.4m x 12.3m
Magnification	2.7 – 21.6, 8x	3.9 – 31.2, 8x	1.6 – 12.8, 8x	2.3 – 18.4, 8x
Detection Range	1800m	2600m	1800m	2600m
Display	1024 × 768, 0.39 inch, OLED			
Max. Recoil	1000g/0.4ms			
Storage	Built-in EMMC (64 GB)			
Battery Type	Two rechargeable Lithium batteries (internal) and one replaceable CR123A (external)			
Operation Time	15 hours continuous running (@25°C, hotspots off)		13 hours continuous running (@25°C, hotspots off)	
Dimension & Weight	407mm × 78.1 mm × 75.9 mm, 890 g without eyepiece and CR123A	420mm × 78.1 mm × 82 mm, 970 g without eyepiece and CR123A	407mm × 78.1 mm × 75.9 mm, 890 g without eyepiece and CR123A	420mm × 78.1 mm × 82 mm, 970 g without eyepiece and CR123A
Standard Accessory	Type-C Cable, Lint-free Cloth, CR123A Battery (x2), Device, QSG, Bag			



Thermal Scope

# THUNDER 2.0

HIGH  
SENSITIVITY

Game in Sight, Like Never Before

TE19 2.0 · TE25 2.0 · TH25P 2.0  
TH35P 2.0 · TQ35 2.0 · TQ50 2.0

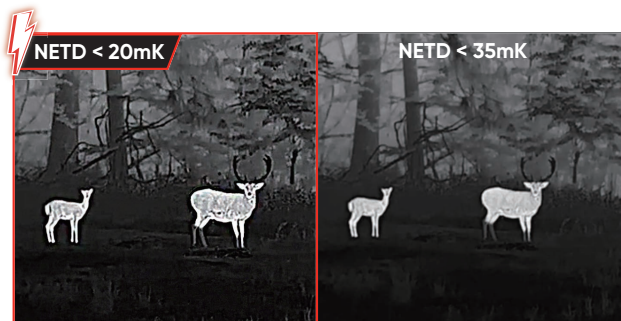
## ◆ Ultra Clear Image, Impressive Detail Recognition

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 **640×512**  
Detector

**12μm**  
Pixel Interval

**F1.0**  
Large Aperture



## ◆ 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

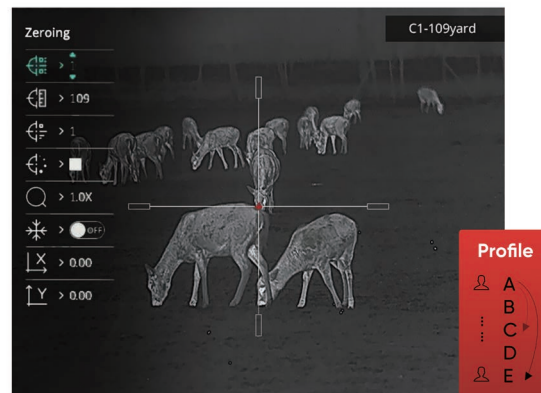
The new battery pack extends working time up to 10h and performs superior to others especially in a low-temperature environment.

The battery is able to be charged both in the charging base and in the device itself.












































## ◆ High Precision for an Accurate Game

- 5 reticle profiles with 4 colors and 10 reticle types can be configured and saved for a greater convenience.
- Accurate PIP (Picture-in-Picture) function magnifies the center area of reticle, with digital zoom up to 8x and a suitable FOV, THUNDER 2.0 allows you clearly evaluate the target and make right decisions.





Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification Range	Detection Range	Thermal Detector	Battery
<div><div><div>HOT</div></div><div>TE19 2.0</div></div> <div>19mm lens with a large FOV, it is suitable for medium-range hunting.</div>	<div></div>	<div></div> <div>19mm,F1.0</div>	2.5 – 19.8 8x	<div></div> <div>16.2m    250m    1000m</div>	<div></div> <div>256×192 @12μm NETD &lt; 35mK</div>	<div></div> <div>10.5h</div>			
<div></div> <div>TE25 2.0</div>	A large magnification @3.3x and 25mm lens make it ideal to easily recognize details in field areas.	<div></div>	<div></div> <div>25mm,F1.0</div>	3.3 – 26 8x	<div></div> <div>12.3m    350m    1200m</div>	<div></div> <div>256×192 @12μm NETD &lt; 35mK</div>	<div></div> <div>10.5h</div>		
<div></div> <div>TH25P 2.0</div>	A large FOV of 18.4m @100m makes it a nice companion for forest hunting.	<div></div>	<div></div> <div>25mm, F1.0</div>	1.5 – 12.2 8x	<div></div> <div>18.4m    350m    1200m</div>	<div></div> <div>384×288 @12μm NETD &lt; 20mK</div>	<div></div> <div>10.5h</div>		
<div><div><div>HOT</div></div><div>TH35P 2.0</div></div> <div>Equipped with 35mm lens and a NETD &lt;20mK, it is suitable for both forest and field scenarios.</div>	<div></div>	<div></div> <div>35mm, F1.0 (with knob)</div>	3.0 – 24.2 8x	<div></div> <div>13.2m    450m    1800m</div>	<div></div> <div>384×288 @12μm NETD &lt; 20mK</div>	<div></div> <div>10.5h</div>			
<div></div> <div>TQ35 2.0</div>	A wide FOV of 21.9m @100m and a suitable magnification make it perfect for both forest and field areas.	<div></div>	<div></div> <div>35mm, F1.0 (with knob)</div>	1.8 – 14.6 8x	<div></div> <div>21.9m    500m    1800m</div>	<div></div> <div>640×512 @12μm NETD &lt; 20mK</div>	<div></div> <div>8.5h</div>		
<div><div><div>HOT</div></div><div>TQ50 2.0</div></div> <div>The long detection range and large magnification suit field hunters in particularly.</div>	<div></div>	<div></div> <div>50mm, F1.0 (with knob)</div>	2.6 – 20.8 8x	<div></div> <div>15.4m    650m    2600m</div>	<div></div> <div>640×512 @12μm NETD &lt; 20mK</div>	<div></div> <div>8.5h</div>			

## 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 @12μm	256 x 192 @12μm	384 x 288 @12μm	384 x 288 @12μm	640 x 512 @12μm	640 x 512 @12μm
NETD	≤ 35 mK @ 25°C	≤ 35 mK @ 25°C	< 20 mK @ 25°C	< 20 mK @ 25°C	< 20 mK @ 25°C	< 20 mK @ 25°C
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 Pack					
Operation Time	≥ 10.5 h	≥ 10.5 h	≥ 10.5 h	≥ 10.5 h	≥ 8.5 h	≥ 8.5 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



# THUNDER ZOOM 2.0

The First 20mK Thermal Scope with Optical Zoom

TH50Z 2.0 · TQ60Z 2.0

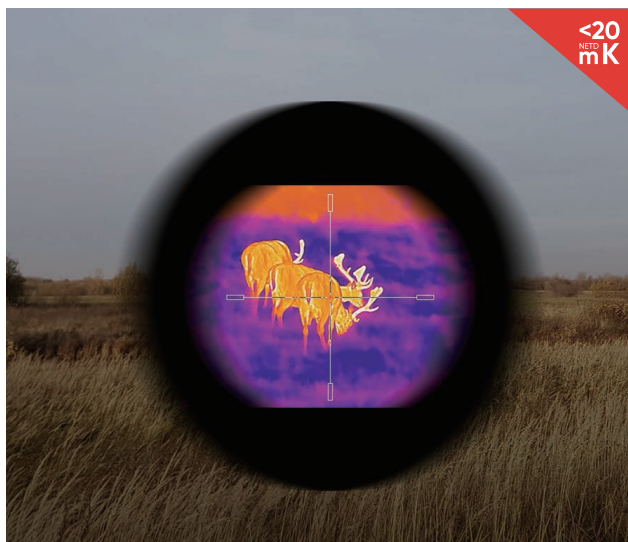
## Ultra Clear Image, Impressive Detail Recognition

- ◆ 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 **640×512**  
Thermal Camera

**12μm**  
Pixel Interval

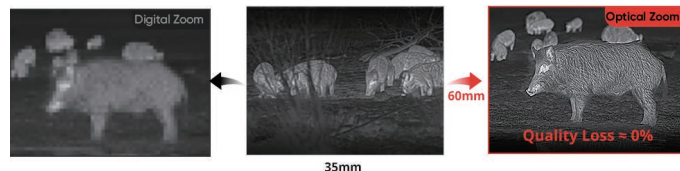
**50mm | 60mm**  
Up to F0.8 Large Aperture



## High-Quality Zoomed Image through Optical Zoom

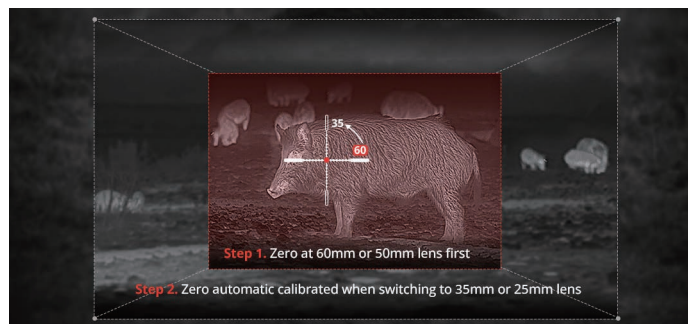
### ◆ Maintain High-Quality Images Even Zooming

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 / Separate Zeroing Supported

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.  
Separate Zeroing: Zero on both lenses respectively to achieve a better game accuracy.





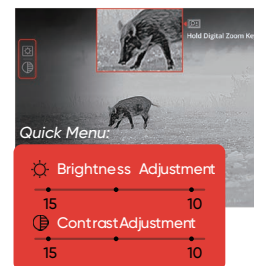
## ◆ Long Operation Time, Support Direct Charging



The new battery packs extend working time up to 10h+, and can be charged in the device directly. Besides, it performs superior to others, especially in low-temperature environment.



## ◆ Quick Settings Brings Higher Efficiency During Hunting

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



Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification Range Detection Range	Detector	Battery
<div><div><div>HOT</div><div>TH50Z 2.0</div></div><div></div></div>	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.	<div><div><div></div><div></div></div><div>FieldForest</div></div>	<div><div></div><div>25mm, F0.8</div></div>	2.2-17.4 8x	<div><div></div><div>18.4m350m1200m</div></div>	<div><div><div>384 × 288</div><div>@12μm NETD &lt; 20mK</div></div></div>	<div><div><div></div><div></div></div><div>10.5h</div></div>	
			<div><div></div><div>50mm, F1.0</div></div>	4.3-34.6 8x	<div><div></div><div>9.2m650m2600m</div></div>			
<div><div><div>HOT</div><div>TQ60Z 2.0</div></div><div></div></div>	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.	<div><div><div></div><div></div></div><div>FieldForest</div></div>	<div><div></div><div>35mm, F0.9</div></div>	1.8-14.6 8x	<div><div></div><div>21.9m500m1800m</div></div>	<div><div><div>640 × 512</div><div>@12μm NETD &lt; 20mK</div></div></div>	<div><div><div></div><div></div></div><div>8.5h</div></div>	
			<div><div></div><div>60mm, F1.1</div></div>	3.1-25.0 8x	<div><div></div><div>12.8m750m3000m</div></div>			



## More Advantages

- Magnesium Alloy Design
- 1000g/0.4ms High Shock Resistance
- Recoil-activation Recording with Audio

	TH50Z 2.0	TQ60Z 2.0
Sensor	384 x 288 @12μm	640 x 512 @12μm
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 Scope

# PANTHER 2.0

Extremely Clarity. Accurately Distance Measurement

PH35L 2.0 · PH50L 2.0  
PQ35L 2.0 · PQ50L 2.0

## Ultra Clear Image, Impressive Detail Recognition

### ◆ High Thermal Sensitivity, Perfect Detail Recognition

Every detail matters when identifying targets. Less than 20mK 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.

**640x512 @12μm**  
Thermal Camera

**F1.0**  
Lens

**1024 × 768**  
OLED Display

## 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.

Range up to  
**600m**

Accuracy of  
**± 1m**

## Internal Ballistic Calculation Guides Long-range Shooting

The internal ballistics algorithm calculates the suggested aiming point based on the exact distance measured by the built in laser ranging finder to ensure a precise long-range shooting. Simply enter the required data of your ammunition, scope and environment to turn your PANTHER 2.0 a highly accurate long-range aiming tool.




























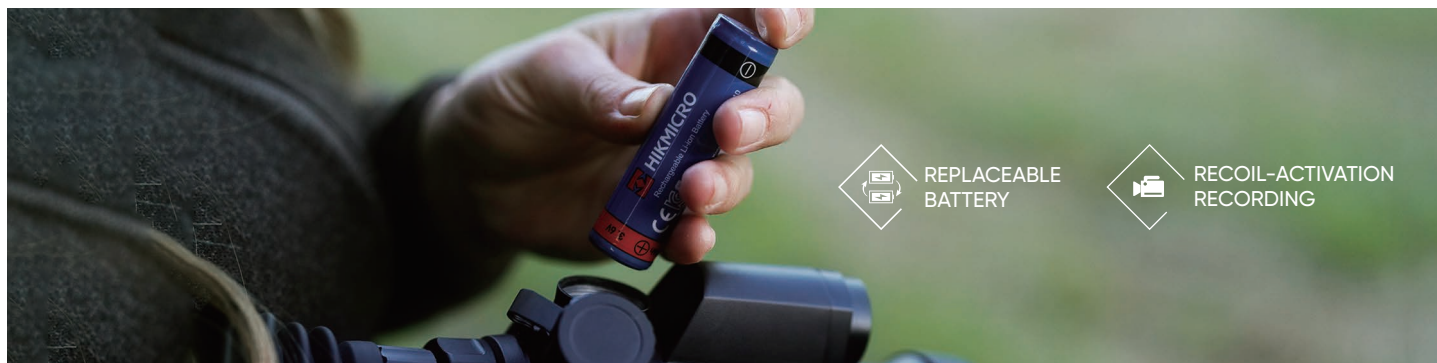
# Compact Size and Rugged Design Lead to High Reliability

◆ Wheel control

◆ IP67

◆ 1000g/0.4ms

Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Identification Range Detection Range	Detector	Battery
<div><div><div>HOT</div><div>PH35L 2.0</div><div></div></div></div> <div>With a FOV of 13m@100 m and 3.0x magnification, it provides great performance wherever in the forest or field.</div> <div><div><div></div><div></div></div><div>FieldForest</div></div> <div><div><div></div><div>35mm, F1.0</div></div></div> <div>3.0 – 24.0 8x</div> <div><div></div><div>13.1m450m1800m</div></div> <div><div><div><div>384 × 288</div></div></div><div>@12μm NETD &lt; 20mK</div></div> <div><div><div></div><div>6h</div></div></div>	<div><div><div>PH50L 2.0</div><div></div></div></div> <div>50 mm lens and 384 detector results in 4.3x magnification, making it suitable for field hunting particularly.</div> <div><div><div></div><div></div></div><div>FieldForest</div></div> <div><div><div></div><div>50mm, F1.0</div></div></div> <div>4.3 – 34.4 8x</div> <div><div></div><div>9.2m650m2600m</div></div> <div><div><div><div>384 × 288</div></div></div><div>@12μm NETD &lt; 20mK</div></div> <div><div><div></div><div>6h</div></div></div>	<div><div><div>PQ35L 2.0</div><div></div></div></div> <div>Its 22m @ 100m large FOV provide a perfect overview especially when hunting in the forest.</div> <div><div><div></div><div></div></div><div>ForestField</div></div> <div><div><div></div><div>35mm, F1.0</div></div></div> <div>1.8 – 14.4 8x</div> <div><div></div><div>22m500m1800m</div></div> <div><div><div><div>640 × 512</div></div></div><div>@12μm NETD &lt; 20mK</div></div> <div><div><div></div><div>5h</div></div></div>	<div><div><div><div>HOT</div><div>PQ50L 2.0</div><div></div></div></div><div>Detection range up to 2600m and @2.6x optical magnification make hunters have good experience both in the field or forest.</div><div><div><div></div><div></div></div><div>FieldForest</div></div><div><div><div></div><div>50mm, F1.0</div></div></div><div>2.6 – 20.8 8x</div><div><div></div><div>15.4m700m2600m</div></div><div><div><div><div>640 × 512</div></div></div><div>@12μm NETD &lt; 20mK</div></div><div><div><div></div><div>5h</div></div></div></div>					



	PH35L 2.0	PH50L 2.0	PQ35L 2.0	PQ50L 2.0
Max. Resolution	384 x 288 @12μm	384 x 288 @12μm	640 × 512 @12μm	640 × 512 @12μm
NETD	Less than 20 mK (@25°C), 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 (x1), Dust-free Cloth(x1), Bag (x1), Battery Charger (x1)			

Thermal Clip-on



# THUNDER 3.0

Innovative Clarity. Absolute Precision

TQ50CL 3.0 · TQ50C 3.0 · TQ35C 3.0 · TH35C 3.0

# NETD<15mK with Large Screen

HIKMICRO THUNDER 3.0 features a high-sensitivity detector (**NETD<15mK**) paired with a **0.49-inch OLED display** with **1920x1080** resolution. This combination ensures exceptional image clarity, capturing fine temperature variations and displaying them with vivid detail for an enhanced visual experience.

<b>&lt; 15mK</b>	<b>Up to 640x512</b>	<b>F1.0</b>	<b>0.49-inch 1920*1080</b>
NETD	Thermal Camera	Large Aperture	OLED Display



# Compact and Aesthetic Appearance LRF Module in Lens Design

Thermal clip-on THUNDER 3.0's innovative one-frame lens design integrates a laser rangefinder behind the objective lens, offering a more compact and aesthetically pleasing appearance.



# Smooth Visual Experience with Latest HIKMICRO Shutterless Image System

The latest **HIKMICRO Shutterless Image System (HSIS)** technology provides an uninterrupted visual experience by eliminating the need for manual calibration. HSIS ensures a smooth and fluid image in THUNDER 3.0 without compromising on quality, allowing users to stay focused during critical moments.

# More Advantages













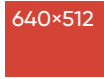






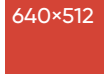






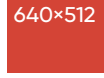

-  Replaceable & Rechargeable Battery
-  Up to 15x Day Scope Compatibility
-  Image Pro 2.0
-  2-in-1 Flexible Transformation
-  Compatible with M52\*0.75 Adapter Ring
-  Smart Auto Screen Off



# Revolution of Shooting Accuracy

HIKMICRO THUNDER 3.0 thermal clip-on features a precise **1.3cm@100m click value**, improving zeroing accuracy. Its precisely engineered structure minimizes parallax, maintaining high consistency in accuracy with **minimal ballistic deviation**. With **high shock resistance** and **quick zeroing** via the device or SIGHT app, it's built for reliable performance.



Model	Introduction	Scenarios	Lens	FOV (@100 m)	Identification/ Detection Range	Detector	Battery
 TH35C 3.0	Equipped with 35mm lens and a NETD<15mK, it is an excellent choice for both field and forest hunting.	  FieldForest	 35mm, F1.0	 13.2m400m1800m	 384×288 @12μm NETD < 15mK	 6h	
 TQ35C 3.0	A wide FOV of 21.9m@100m and exceptional image make it perfect for both forest and field areas.	  FieldForest	 35mm, F1.0	 21.9m500m1800m	 640×512 @12μm NETD < 15mK	 6h	
 TQ50C 3.0	The detection range of up to 2600 meters, making it the go-to option for hunters in expansive field environments.	  FieldForest	 50mm, F1.0	 15.4m650m2600m	 640×512 @12μm NETD < 15mK	 6h	
 TQ50CL 3.0	Its 2600m detection range is complemented by a 1000m LRF in lens design, making it an outstanding choice for field hunting.	  FieldForest	 50mm, F1.0	 15.4m650m2600m	 640×512 @12μm NETD < 15mK	 5h (with LRF on)	



	TH35C 3.0	TQ35C 3.0	TQ50C 3.0	TQ50CL 3.0
Max. Resolution	384 x 288, 12 μm	640 × 512, @12um		
NETD	Less than 15 mK (@25°C), F# = 1.0			
Lens (Focal Length)	35mm, f1.0	35mm, f1.0	50mm, f1.0	50mm, f1.0
Detection Range	1800m	1800m	2600m	2600m
Magnification	1x	1x	1x	1x
Field of View(H × V), Degrees / m @100m	7.5° x5.7° / 13.2m × 9.9m	12.5° x10.0° / 21.9m × 14.0m	8.8° x7.0° / 15.4m × 12.3m	8.8° x7.0° / 15.4m × 12.3m
Display	1920 × 1080, 0.49 inch, OLED			
Recommended Magnification of the Day Scope	1-12x	1-15x		
Max. Recoil	1000g/0.4ms			
Laser Rangefinder	No	No	No	LRF Module in Lens Design: Detection range up to 1000m, with ±1m accuracy
Battery Type	Replaceable and Rechargeable Li-ion Battery			
Operation Time	6h	6h	6h	5h (with LRF on)
Dimension & Weight	143.4mm × 67.5mm × 72.9mm, 460g with battery	143.4mm × 67.5mm × 72.9mm, 460g with battery	149.4mm × 76mm × 74.6mm, 500g with Battery	150.3mm × 83mm × 78.1mm, 540 g with battery
Standard Accessory	Quick Start Guide(x1), Battery (x2), USB Cable (x1), Non-dust Cloth(x1), Carrying Case (x1), Battery Charger (x1), Wrench (x1)			



Thermal Clip-on

# THUNDER 2.0

Game in Sight, Like Never Before

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

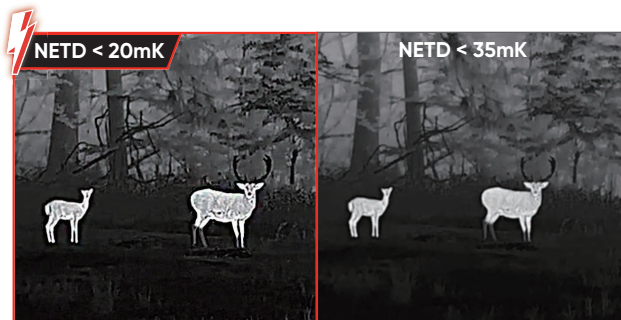
## ◆ Ultra Clear Image, Impressive Detail Recognition

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 **640×512**  
Detector

**12μm**  
Pixel Interval

**F1.0**  
Large Aperture



## ◆ 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.



## ◆ Two Replaceable and Chargeable High-capacity Battery Packs

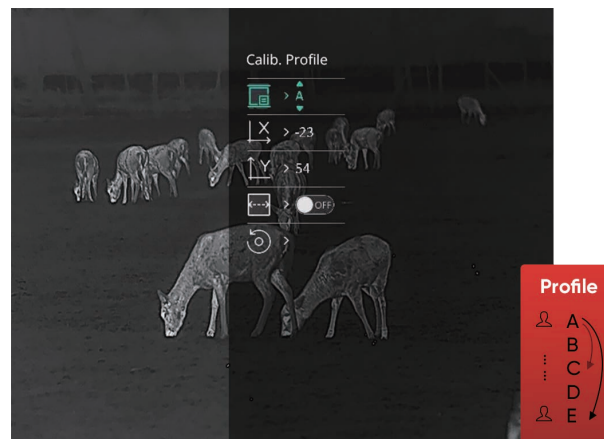
The new battery pack extends working time up to 10h and performs superior to others especially in a low-temperature environment.

The battery is able to be charged both in the charging base and in the device itself.



















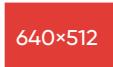






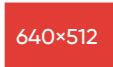



## ◆ High Precision for an Efficient Game

- 5 zeroing profiles can be configured and saved for a greater convenience.
- Brightness and contrast adjustment in quick menu helps to conveniently recognize details of the target in a few clicks.





Model	Introduction	Scenarios	Lens	FOV (@100 m)	Identification Range Detection Range	Thermal Detector	Battery
<div>TE19C 2.0 TE19CR 2.0</div> <div></div>	19mm lens with a large FOV, it is suitable for medium-range hunting.	<div></div> <div>Forest</div>	<div></div> <div>19mm, F1.0</div>	<div></div> <div>16.2m250m1200m</div>	<div></div> <div>256×192 @12μm NETD &lt; 35mK</div>	<div></div> <div>10.5h</div>	
<div>TH35PC 2.0 TH35PCR 2.0</div> <div><div>HOT</div></div>	Equipped with 35mm lens and a NETD <20mK, it is suitable for both forest and field scenarios.	<div></div> <div>FieldForest</div>	<div></div> <div>35mm, F1.0 (with knob)</div>	<div></div> <div>13.2m450m1800m</div>	<div></div> <div>384×288 @12μm NETD &lt; 20mK</div>	<div></div> <div>10.5h</div>	
<div>TQ35C 2.0 TQ35CR 2.0</div> <div></div>	A wide FOV of 21.9m @100m and a suitable magnification make it perfect for both forest and field areas.	<div></div> <div>FieldForest</div>	<div></div> <div>35mm, F1.0 (with knob)</div>	<div></div> <div>21.9m500m1800m</div>	<div></div> <div>640×512 @12μm NETD &lt; 20mK</div>	<div></div> <div>8.5h</div>	
<div>TQ50C 2.0 TQ50CR 2.0</div> <div><div>HOT</div></div>	The long detection range and large magnification suit field hunters in particularly.	<div></div> <div>FieldForest</div>	<div></div> <div>50mm, F1.0 (with knob)</div>	<div></div> <div>15.4m650m2600m</div>	<div></div> <div>640×512 @12μm NETD &lt; 20mK</div>	<div></div> <div>8.5h</div>	

## 2-in-1 Flexible Transformation

THUNDER 2.0's replaceable eyepiece provides an easy and quick way to transform the clip-on into a thermal imaging monocular starting at 1.8x



	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 @12μm	256 x 192 @12μm	384 x 288 @12μm	384 x 288 @12μm	640 x 512 @12μm	640 x 512 @12μm	640 x 512 @12μm	640 x 512 @12μm
NETD	≤ 35 mK @25°C	≤ 35 mK @25°C	<20 mK @25°C	<20 mK @25°C	<20 mK @25°C	<20 mK @25°C	<20 mK @25°C	<20 mK @25°C
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 Pack							
Operation Time	≥ 10.5 h	≥ 10.5 h	≥ 10.5 h	≥ 10.5 h	≥ 8.5 h	≥ 8.5 h	≥ 8.5 h	≥ 8.5 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°C ~ 55°C (-22°F ~ 131°F); Protection Level: IP67							
Standard Accessory	Battery Charger, Type-C Cable, Lint-free Cloth, Battery (x2), Wrench, QSG, Bag							

Digital Day & Night  
Vision Scope

# ALPEX 4K

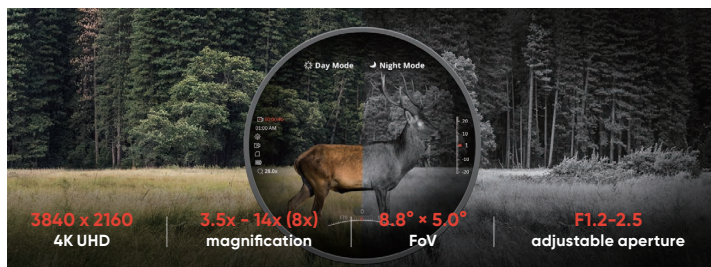
4K UHD Clarity. Advanced Accuracy

A50E · A50EL

## High-Tech 4K+ Detector Brings a Visual Revolution

### ◆ 4K+ UHD image for vivid, informative, and layered Images

The HIKMICRO ALPEX 4K, equipped with a **3840 x 2160** ultra-high-definition CMOS detector, gives you stunning and unprecedented image details 24 hours a day. With 3.5x basic magnification and 15.3m field of view at 100m, it shows outstanding target detection ability and identification capacity across the whole magnification range.



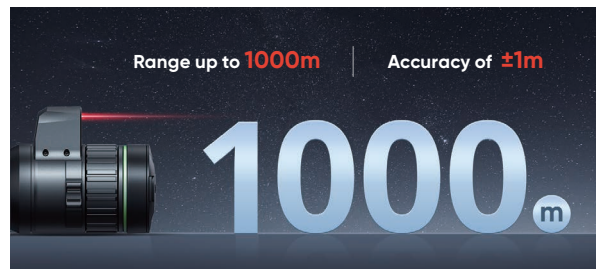
### ◆ Comfortable Visual Experience Matters

HIKMICRO ALPEX 4K's 1920x1080 sub-round 0.49" large OLED display unlocks new and eye-pleasing observing perspectives, delivering an immersive hunting experience.



## Precise Shooting Has Never Been This Easy

### ◆ Accurate Distance Measurement Aims for an Efficient Game (A50EL Only)



### ◆ Internal Ballistic Calculation for Long-Range Hunting (A50EL Only)

The ALPEX 4K is HIKMICRO's first digital & night vision scope with ballistic calculation, ensuring accurate shooting at any distance. The internal ballistics algorithm calculates the suggested aiming point based on the exact distance measured by the built-in laser ranging finder to ensure precise long-range shooting.





### ◆ Fast Boot-On to Capture the Moments











Fast boot within 3s makes HIKMICRO ALPEX 4K always ready for use.



### ◆ Long-life battery, Hunt Non-Stop

HIKMICRO ALPEX 4K has an upgraded power supply system. With an external replaceable and rechargeable battery, users can enjoy their hunt without fear of running out of battery.



Model	Introduction	Scenarios	Lens	Magnification	FOV (@100 m)	Detection Range (at Day)	CMOS Resolution	Battery
 <p>A50E</p>	With the advanced 4K UHD detector, 50mm focal length, and F1.2-F2.5 adjustable aperture, ALPEX 4K A50E provides a 15.3m@100m field of view and a stunning visual experience both in the field and forest, no matter daytime or nighttime.	  <p>Field Forest</p>	 <p>50mm, F1.2 - 2.5</p>	3.5 - 28.0 8x	15.3m	1000m	3840×2160	 <p>≥ 11h</p>
 <p>A50EL</p>	With a focal length of 50mm and F1.2-F2.5 adjustable aperture, in conjunction with a 4K UHD detector, coupled with an integrated 1000m laser range finder, A50EL ensures hunters in both open field and forest a suitable field of view marvelous benefits.	  <p>Field Forest</p>	 <p>50mm, F1.2 - 2.5</p>	3.5 - 28.0 8x	15.3m	1000m	3840×2160	 <p>≥ 11h</p>



	A50E	A50EL
Max. Resolution	3840 × 2160	3840 × 2160
Lens (Focal Length)	50 mm, F1.2-2.5 Adjustable Aperture	50 mm, F1.2-2.5 Adjustable Aperture
Magnification	3.5×-28.0x (8x) Support Continuous Zooming	3.5×-28.0x (8x) Support Continuous Zooming
Display	1920 × 1080, 0.49 inch, OLED	1920 × 1080, 0.49 inch, OLED
Field of View(H × V), Degrees / m @100m	8.8° × 5.0°/15.3m × 8.6m @100m	8.8° × 5.0°/15.3m × 8.6m @100m
Laser Rangefinder	N/A	Detection range up to 1000m, with ±1m accuracy
Ballistic Calculation	N/A	YES
Exit Pupil	6 mm	6 mm
Eye Relief	55 mm	55 mm
Battery Type	Two Rechargeable Lithium Batteries (Internal), One Replaceable and Rechargeable 18650 Battery (External)	
Operation Time	11 hours of Continuous Running (@25°C, Hotspot off)	
Dimension & Weight	439.8 mm × 71.4 mm × 84.0 mm 1080 g without External Battery	439.8 mm × 89.2 mm × 84.0 mm 1176 g without External Battery
Standard Accessory	Quick Start Guide(x1), Battery (x1), Type-C Cable (x1), Lint-free Cloth(x1), Bag (x1), Battery Charger (x1)	



Digital Day & Night  
Vision Scope

# ALPEX

Viewing Beyond Color

A50T · A50TN · A50T-S

## 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

SENSOR

2 MP

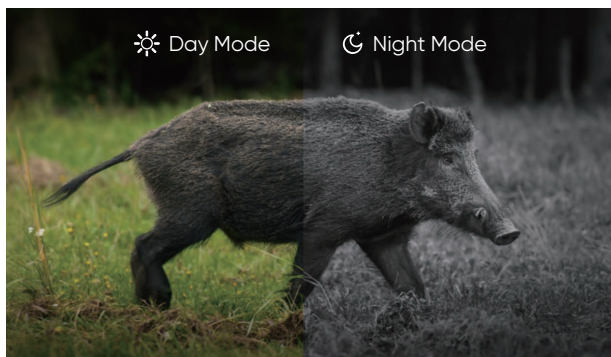
IMAGE RESOLUTION

0.39-  
inch

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.



30 mm

## Tradition Retention

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
	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 250m 600m	 850 nm	 1920 × 1080	 12h	
		  Field Forest	 50mm, F1.2	3.5 -14 4x	 13.5m 200m 550m	 940 nm	 1920 × 1080	 12h	
		  Field Forest	 50mm, F1.2	3.5 -14 4x	 13.5m Depends on the wavelength and power of IR torch	/	 1920 × 1080	 12h	



## Strong Battery Life

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

	A50T	A50TN	A50T-S
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Lens	50 mm, F1.2	50 mm, F1.2	50 mm, F1.2
Field of View	7.7° x 5.8°/13.5 m x 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 x 768, 0.39 inch, OLED	1024 x 768, 0.39 inch, OLED	1024 x 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°C, Wi-Fi off)		
Dimension & Weight	442mm x 78.1 mm x 83.5 mm, 1062 g without eyepiece and CR123A		
Other Features	Audio & Recoil-activated recording, IP67 Waterproof, "Picture-in-Picture" mode		
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

Digital Day & Night  
Vision Scope

HIKMICRO  
CHEETAH Series C32F-S

# CHEETAH

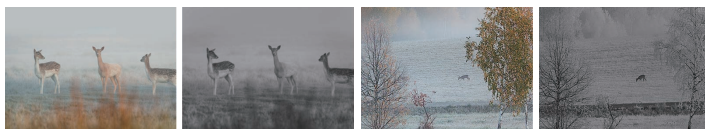
Transform the Darkness

C32F-S · C32F-SL · C32F-SN · C32F-SNL

## 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.



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)

### ◆ Built-in Laser Rangefinder

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



## 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.

🌙 0.001Lux Starlight Camera

📺 0.49 inch OLED

📺 2560 x 1440 UHD Resolution

☀️🌙 Day & Night Use



### Compact yet Powerful

Weighs less than 477g, no further accessories needed, CHEETAH is designed to be a perfect portable hunting partner.



# 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
 C32F-S	Equipped with a 2560 x 1440 CMOS detector and 1920 FHD large OLED, the device ensures vivid and informative images.	 Field	 32 mm, F1.2	2.7 -21.6 8x	 14.2m 150m 400m	 850 nm	 2560 x 1440	 5.5h	
 C32F-SN	The optional 850nm or 940nm IR illuminator with smart IR function provides optimal visibility even in total darkness.	 Forest			 14.2m 100m 350m	 940 nm			
 C32F-SL	The model with "L" in the abbreviation are equipped with laser rangefinder that has an impressive range of 1000m, ±1m accuracy.	 Field	 32 mm, F1.2	2.7 -21.6 8x	 14.2m 150m 400m	 850 nm	 2560 x 1440	 5.5h	
 C32F-SNL	While it weighs less than 500g, the device is compact and will effortlessly accompany you wherever you hunt.	 Forest			 14.2m 100m 350m	 940 nm			



## Replaceable and Rechargeable Battery

	C32F-S	C32F-SN	C32F-SL	C32F-SNL
Max. Resolution	2560 x 1440			
Lens	32 mm, F1.2			
Field of View	8.1° x 6.1° / 14.2 m x 10.7m @100 m			
Magnification	2.7 -21.6, 8x			
Wavelength for IR Torch	850 nm	940 nm	850 nm	940 nm
Detection Range	400m	350m	400m	350m
Laser Rangefinder	No		Yes	
LRF Max. Measuring Range	NA		1000m (accuracy ±1m)	
Display	1920 x 1080 UHD 0.49-inch OLED			
Image Mode	Day, Night, Auto, Defog			
Max. Recoil	1000g/0.4ms			
Battery Type	One replaceable and rechargeable 18650 battery			
Operation Time	5.5 hours continuous running (@25°C, Hotspot、IR Emitter off			
Dimension & Weight	217 x 70 x 87.2 mm (8.5 x 2.8 x 3.4 inch), 465 g without eyepiece and battery		217 x 70 x 87.2 mm (8.5 x 2.8 x 3.4 inch), 477 g without eyepiece and battery	
Standard Accessory	Type-C Cable, Lint-free Cloth, Replaceable and Rechargeable Li-ion Battery (x2), Battery Charger, QSG, Bag			

Digital Day & Night  
Vision Clip-On

# CHEETAH

Transform the Darkness

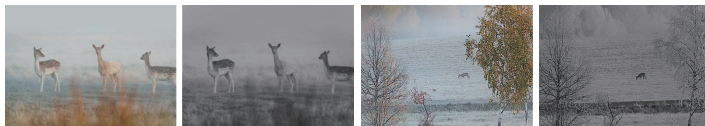


C32F · C32F-R · C32F-N · C32F-RN  
C32F-L · C32F-RL C32F-NL C32F-RNL

## 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.



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)

### ◆ 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

## Quickly Spot Targets from Early Daytime to Starry Night

This powerful 0.001Lux Starlight Camera captures any objects in great detail with its 2560 x 1440 UHD resolution.



0.001Lux Starlight Camera



0.49 inch OLED



2560 x 1440 UHD Resolution



Day & Night Use



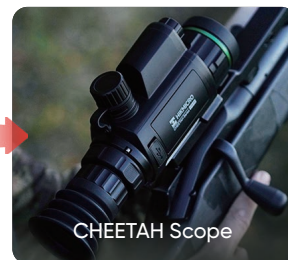
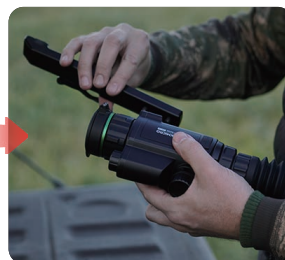
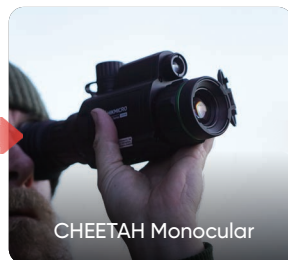
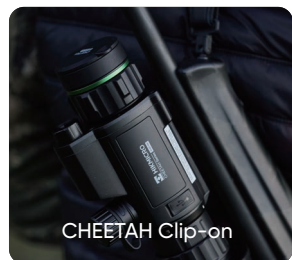
## Compact yet Powerful



















Weighs less than 477g, no further accessories needed, CHEETAH is designed to be a perfect portable hunting partner.



# Multi-use Flexible Transformation

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



Model	Introduction	Scenarios	Lens	FOV (@100 m)	Detection Range	IR Torch	Detector	Battery
C32F-R/C32F	Equipped with a 2560 x 1440 CMOS detector and 1920 FHD large OLED, the device ensures vivid and informative images. The optional 850nm or 940nm IR illuminator with smart IR function provides optimal visibility even in total darkness.	  Field Forest	 32 mm, F1.2	 17.3m 150m 400m	 850 nm	 2560 x 1440	 5.5h	
C32F-N/C32F-RN				 17.3m 100m 350m	 940 nm			
C32F-L/C32F-RL	The model with "L" in the abbreviation are equipped with laser rangefinder that has an impressive range of 1000m, ±1m accuracy. While it weighs less than 500g, the device is compact and will effortlessly accompany you wherever you hunt.	  Field Forest	 32 mm, F1.2	 17.3m 150m 400m	 850 nm	 2560 x 1440	 5.5h	
C32F-NL/C32F-RNL				 17.3m 100m 350m	 940 nm			

## More Advantages

- Replaceable and Rechargeable Battery
- Recoil-activation Recording with Audio
- IP67 Waterproof Rated

	C32F	C32F-R	C32F-N	C32F-RN	C32F-L	C32F-RL	C32F-NL	C32F-RNL
Max. Resolution	2560 x 1440							
Lens	32 mm, F1.2							
Field of View	9.9° x 7.5° / 17.3 m x 13.1m @100 m							
Reticle	No	Yes	No	Yes	No	Yes	No	Yes
Wavelength for IR Torch	850 nm		940 nm		850 nm		940 nm	
Detection Range	400m		350m		400m		350m	
Laser Rangefinder	No				Yes			
LRF Max. Measuring Range	NA				1000m (accuracy ±1m)			
Display	1920 x 1080 UHD 0.49-inch OLED							
Image Mode	Day, Night, Auto, Defog							
Max. Recoil	1000g/0.4ms							
Battery Type	One replaceable and rechargeable 18650 battery							
Operation Time	5.5 hours continuous running (@25°C, Hotspot、IR Emitter off)							
Dimension & Weight	182.8 x 70 x 87.2 mm (7.2 x 2.8 x 3.4 inch), 465 g without eyepiece and battery				182.8 x 70 x 87.2 mm (7.2 x 2.8 x 3.4 inch), 477 g without eyepiece and battery			
Standard Accessory	Type-C Cable, Lint-free Cloth, Replaceable and Rechargeable Li-ion Battery (x2), Battery Charger, QSG, Bag							

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.

### ◆ 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.

### ◆ Choose Paid Data Plan that Fits Your Need

Data plan	Monthly	Yearly*	Cloud Storage
Free 100 pictures	0€ per 30 days	0€ per 30 days	30 days
Basic 300 pictures	<b>Limited-time free</b> 5€ per 30 days	4€ per 30 days	365 days <b>20% off monthly</b>
Premier 800 pictures	8€ per 30 days	6€ per 30 days	365 days <b>25% off monthly   30pcs HD photos yearly</b>
Supreme Unlimited pictures	13€ per 30 days	9€ per 30 days	365 days <b>30% off monthly   100pcs HD photos yearly</b>
HD photo package 50 pcs		5€	Unlimited
HD Video package 10 pcs		5€	Unlimited

## Rich Yet Ease-to-use Functions Via HIKMICRO SIGHT App

Stay more engaged, informed and efficient.

### ◆ 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.

### ◆ Sharing Group

Invite your friends to view captured pictures together.

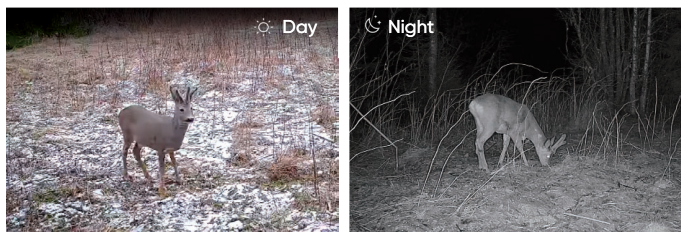




## Super Clear Photo and Video Capturing

### ◆ 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.



🔦 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.



### 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 AA battery, the camera can capture 1800 photos if you choose delay 24h. If with real-time mode, it can capture 600 photos.





	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 andTransmission, photo&video browsing and category management
Data Plan	Free : 100 pictures per month with 30 days expiration
Storage	8 to 64GB 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 1A input, interface dimension: 4.4mm(Diameter)*1.65mm(Depth)
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 GEAR FAMILY

Packed Ready, Outdoors Not Only in Sight



# EXPLORER | Thermal Camera for Smartphones

## 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.

**FOV** | 18.1°x13.6°  
31.8mx23.8m @100m

Model	EXPLORER E20 PLUS
Thermal detector	256 × 192 @12μm
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(Andriod Phones only)

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



Scan to view compatibility

**HIKMICRO SIGHT**  
Hotspot for Mobile APP





## 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.



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	13.6x 7.7° / 23.8mx 13.5m
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.



### ◆ 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 for GRYPHON



APPLY TO : GRYPHON LRF

## IR Torch/Bracket for ALPEX



APPLY TO : ALPEX, ALPEX 4K

## Rail

HM-R-WP



Quick-release Rail  
HM-QR



APPLY TO : THUNDER 2.0 Scope & Clip-on,  
THUNDER ZOOM 2.0, PANTHER 2.0, CHEETAH

## Ring

HM-Rings-1-H35



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



HM-Rings-2-H43



APPLY TO : STELLAR & ALPEX, ALPEX 4K,  
STELLAR 2.0, STELLAR 3.0

## Trail Camera Solar Panel

SP5000

APPLY TO : M15



## Adapter & Eyepiece for Clip-on

Adapter

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



Eyepiece

HM-THUNDER-E

APPLY TO : CHEETAH



THUNDER 2.0 & THUNDER 3.0 Adapter  
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



APPLY TO : THUNDER 2.0, THUNDER 3.0

Eyepiece

HM-THUNDER 2.0-E

APPLY TO : THUNDER 2.0

HM-THUNDER 3.0-E

APPLY TO : THUNDER 3.0



## Battery Charger & Battery



HM-5202AZC

APPLY TO :  
GRYPHON LRF, FALCON, RAPTOR,  
PANTHER 2.0, CONDOR, CHEETAH,  
HEIMDAL, LYNX 2.0, STELLAR 2.0,  
STELLAR 3.0, ALPEX 4K, HABROK,  
HABROK 4K



HM-3633DC

APPLY TO :  
HABROK & HABROK 4K

HM-3632DC

APPLY TO :  
GRYPHON LRF, FALCON, RAPTOR,  
PANTHER 2.0, CONDOR, CHEETAH,  
HEIMDAL, LYNX 2.0, STELLAR 2.0,  
STELLAR 3.0, ALPEX 4K

HM-20322ZC HM-7250DC



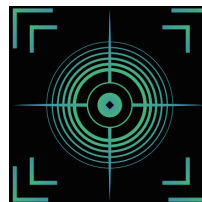
APPLY TO : HABROK Pro

HM-CB-T2 HM-3644DC



APPLY TO :  
THUNDER 2.0, THUNDER 3.0  
THUNDER ZOOM 2.0

## Zeroing Targets



APPLY TO :  
STELLAR 3.0, STELLAR 2.0, STELLAR,  
THUNDER 3.0, THUNDER 2.0 Scope  
& Clip-on, THUNDER ZOOM 2.0,  
PANTHER 2.0

## Handheld Screen

HS17P



APPLY TO :  
LYNX S, LYNX 2.0, FALCON,  
CONDOR, GRYPHON LRF,  
EXPLORER

## Monocular Pouch

HM-OUTDOOR-POUCH

HM-MONO BAG



APPLY TO :  
LYNX S, LYNX 2.0, FALCON, CONDOR,  
GRYPHON LRF

## Binocular Harness

HM-BINO HARNESS-H



APPLY TO :  
HABROK, HABROK 4K,  
HABROK Pro





# See the World in a New Way

HIKMICRO OUTDOOR PRODUCTS




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 [www.hikmicrotech.com](#)