



	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	35mm, f1.0	50mm, f1.0	35mm, f1.0	50mm, f1.0
Magnification	2.5x to 20.0x (8x)	3.5x to 28.0x (8x)	2.0x – 16.0x (8x)	3.0x – 24.0 x (8x)
Field of View(H x V), Degrees / m @100m	10.5° x 7.9°/ 18.3 m x 13.8 m @ 100 m	7.5° x 5.6°/ 13.1 m x 9.7 m @ 100 m	12.5° x 10.0°/ 21.9 m x 17.5 m @ 100 m	8.7° x 7.0°/ 15.2 m x 12.2 m@100 m
Display	1024 x 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 x 52.7 mm x 85.4 mm 386 g without battery	184.9 mm x 53 mm x 87.8 mm 400 g without battery	184.9 mm x 53 mm x 87.8 mm 400 g without battery	197.1 mm x 60 mm x 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)			



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



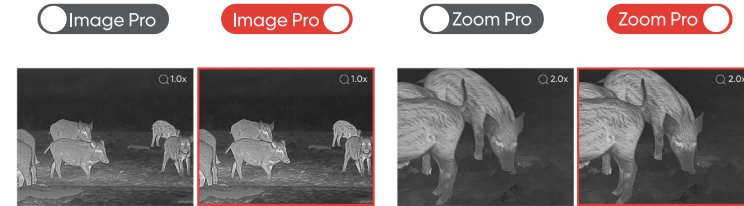
◆ Accurate Distance Measurement Aims for an Efficient Game

Distance from the game is essential to ensure a safe shot. The integrated laser rangefinder in HIKMICRO CONDOR thermal monocular allows the user to measure a distance **up to 1,000m** with an **accuracy of ±1** meter in various scenarios, enjoying the most precise measurement of the situation.



























◆ Purpose-built image algorithm brings stunning image quality

HIKMICRO Image Pro ensures the maximum digital image optimization and provides high-quality rendering of both target objects and background, especially in the original magnification.
HIKMICRO Zoom Pro can help present ultra-clear images with a higher signal-to-noise ratio and impressive details, especially when using digital zoom.



◆ Perfect Ergonomics, Premium Reliability Ergonomic grasping shape design for better operation experience

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
 CH25L	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.	 Forest	 25mm, F1.0	2.5 - 20.0 8x	 18.3m 350m 1200m	 384 × 288 12μm NETD < 20mK	 4.5h	
 CH35L	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.	 Field	 35mm, F1.0	3.5 - 28.0 8x	 13.1m 500m 1800m	 384 × 288 12μm NETD < 20mK	 4.5h	
 CQ35L	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.	 Field	 35mm, F1.0	2.0 - 16.0 8x	 22.0m 600m 1800m	 640 × 512 12μm NETD < 20mK	 4h	
 CQ50L	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.	 Field	 50mm, F1.0	3.0 - 24.0 8x	 15.2m 700m 2600m	 640 × 512 12μm NETD < 20mK	 4h	