




PRODUCT TECH SHEET



SCAN FOR VIDEO

MODEL	CONDOR 2.0 - CQ35L			 HIKMICRO		
STYLE	Thermal Monocular with LRF					
RELEASE	Jan 2025	RRP	\$4,099			
 					DIMENSIONS	
					LENGTH	179mm (7.1")
					WIDTH	65mm (2.6")
					HEIGHT	88mm (3.5")
					WEIGHT	458g (incl batt)
					PROTECTION	
					IP67 (water resistant to 1m for 30 mins)	
					POWER	
					1 x 21700 External Li-Ion Battery	
SUMMARY						
<p>The HIKMICRO CONDOR LRF CQ35L 2.0 handheld thermal monocular is equipped with the high resolution 640 × 512 @12 μm thermal detector with much higher sensitivity (NETD <15 mK), ensuring the finest details catching no matter the weather or light conditions.</p> <p>Additionally, a larger 0.49" 1920 × 1080 (Full HD) OLED display and HIKMICRO's innovative shutterless system (HSIS) provide an immersive and incredibly smooth viewing experience, with an under-slung laser rangefinder ensuring precise distance measurement up to a range of 1000 m.</p> <p>The CONDOR LRF CQ35L 2.0 also uses the 21700 Li-ion battery design, slightly larger than the 18650 and packed with more energy - offering an impressive 6.5 hour battery time even with Wi-Fi and the LRF switched on. The box comes supplied with two of these batteries.</p> <p>Maintaining the traditional premium cylindrical shape design for a comfortable fit in the hand, the CONDOR LRF CQ35L 2.0 monocular is perfect for forest & field hunting, birding, animal searching, rescuing and marine scenarios.</p>						
KEY FEATURES						
<ul style="list-style-type: none">• 384 × 288 resolution @12μm thermal detector for amazing thermal detail.• Ultra-high sensitivity thermal module NETD <15mK (@25°C, F# = 1.0), ensuring perfect image quality and detail recognition even in the toughest weather conditions.• 35mm F1.0 lens with a 13.1m x 10.0m wide field of view at 100m, plus detection range up to 1800m.• 1920 × 1080 resolution 0.49-inch OLED visual scope display with HSIS for excellent clarity.• Picture and video recording using on-board, in-built 64GB memory.• Powered by one 21700 external Li-ion battery, providing around 6.5 hours of operation which includes feature usage like LRF and Wi-Fi. The battery can be swapped out when discharged with another of the two supplied batteries.• Waterproof with an IP67 rating (up to 1m for 30 minutes) for tackling the toughest of conditions.• Three Year HikMicro Warranty for peace-of-mind.						

TECHNICAL DETAILS**[3 Year Warranty]****THERMAL MODULE:**

Image Sensor
 Maximum Resolution (Thermal)
 Frame Rate
 Pixel Interval
 Response Waveband
 NETD
 Lens (Focal Length)
 Focus Mode
 Detection Range
 Minimum Focusing Distance
 Magnification
 Field of View (HxV), Degrees/m @100m

VOx Uncooled Focal Plane Arrays
 384 x 288
 50Hz
 12µm
 8µm to 14µm
 Less than 15mK (@25°C), F# = 1.0
 35mm, F1.0
 Rear Upper Focus Wheel
 1800m
 3.5m
 3.2× to 25.6× (8x)
 7.5° × 5.7°/13.1m × 10.0m

IMAGE DISPLAY:

Display
 HSIS Shutterless Image System
 Palettes
 Exit Pupil
 Eye Relief
 Diopter (Range)
 Zoom Pro
 Image Pro 2.0
 Brightness Adjustment
 Contrast Adjustment
 Tone Adjustment

1920 × 1080, 0.49-inch OLED
 Yes (continuous monitoring without lag or loss in image quality)
 Black Hot, White Hot, Red Hot, Fusion, Red Mono, Green Mono.
 8mm
 15mm
 -5 D to +3 D
 Yes
 Yes
 Yes
 Yes
 Cold, Warm

SYSTEM:

WiFi
 Capture Snapshot
 Audio Recording
 Video Recording
 File Storage
 PiP
 Hotspot
 Hot Track
 Distance Measurement
 Standby Mode

2.4G and 5G Dual Waveband
 Yes
 Yes
 Yes
 Built-in EMMC (64GB)
 Yes
 Yes
 Yes
 Yes (Laser to 1000m)
 Yes

POWER SUPPLY:

Battery Type
 Battery Operating Time

 Type-C Power Supply
 Boot Time

One replaceable and rechargeable 21700 battery (2 supplied)
 6.5 hours continuous running with WiFi, Zoom Pro and LRF all turned on (@25°C)
 5V DC, 2A. Supports External Power Supply
 3 Seconds

GENERAL:

Dimensions
 Weight
 Working Temperature
 Working Humidity
 Protection Level

179.2 mm × 87.7 mm × 64.5 mm
 458 g with external battery installed
 -30°C to +55°C
 90% or less
 IP67

LASER RANGEFINDER:

Safety Class
 Wavelength
 Min/Max Measuring Range
 Measurement Accuracy

Class 1,
 950nm
 10m - 1000m
 ±1 m



Connect to the **HikMicro SIGHT App** for greater functionality.