

LQ35L 3.0

Thermal Monocular



With a basic magnification of 1.9x, a 640x512 detector, and a 35mm F1.0 lens, a 1000m LRF, the LQ35L 3.0 offers unparalleled performance for professional hunters and mid-to-long-range applications. Its 7.5° (13.1m at 100m) field of view and a detection range of up to 1800m ensure exceptional detail in vast, open spaces, making it the ultimate choice for users seeking premium quality with proven shutterless technology.

● Key Feature

- Up to 640×512 Thermal resolution
- High-sensitivity thermal module with NETD < 15 mK (@25°C, F# = 1.0).
- 35 mm, F1.0 lens with thermal detection range up to 1800 m
- HIKMICRO Shutterless Imaging System (HSIS)
- AI-powered Image Pro 3.0 and Zoom Pro algorithms
- 0.49-inch OLED display with 1920 × 1080 resolution
- Up to 1000m Laser Range finder
- Replaceable and rechargeable 18650 battery provides up to 4.5 hours of continuous operation at -20°C

• Specification

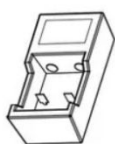
Thermal Module	
Image Sensor	VOx Uncooled Focal Plane Arrays
Max. Resolution	640x512
Frame Rate	50Hz
Pixel Interval	12μm
Response Waveband	8μm to 14μm
NETD	Less than 15 mK (@25°C),F#=1.0
Lens (Focal Length)	35mm, f1.0
Focus Mode	Focus Ring
Detection Range	1800m
Min. Focusing Distance	3.5m
Magnification	1.9x - 15.2x (8x)
Field of View(H × V), Degrees / m @100m	12.5°×7.5°/21.9m×13.2m
Image Display	
Display	1920x1080, 0.49 inch, AMOLED
Palettes	Black Hot, White Hot, Red Hot, Fusion, Red Monochrome, Green Monochrome
Exit Pupil	6mm
Eye Relief	20mm
Diopter (Range)	-5D to +3D
Brightness Adjustment	Yes
Tone Adjustment	Cold, Warm
Contrast Adjustment	Yes
Zoom Pro	Yes
HSIS (HIKMICRO Shutterless Image System)	Yes
Image Pro 3.0	Yes
System	
Record Video	Yes
Capture Snapshot	Yes
Audio Recording	Yes
Standby Mode	Yes
Built-in Memory	Built-in EMMC (64 GB)
PIP	Yes
Hotspot	2.4 GHz/5 GHz Wi-Fi Waveband
Hot Track	Yes
Distance Measurement	Yes
Local Album	Yes
Power Supply	
Battery Type	Replaceable and Rechargeable Li-ion 18650 Battery
Battery Operating Time	5-hour continuous running with hotspot on (@25°C)
	4.5-hour continuous running with hotspot on (@-20°C)

Type-C Power Supply	5V DC, 2A Supports External Power Supply, Support Direct Charging
General	
Protection Level	IP67
Dimension	173.3 x 66.8 x 49.3 mm
Weight	410.7g with battery
Working Temperature	From -30°C to 45°C (-22°F to 113°F); Humidity: 90% or Less
Laser Rangefinder	
Safety Class for Laser	Class 1
Wavelength	905nm
Max. Measuring Range	1200m
Measurement Accuracy	±1m
Min. Measuring Range	5m

▪ Available Model

HM-TSF6-35Y1G/W1L-LQ35L 3.0

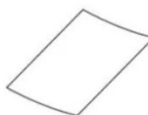
▪ Dimension



Battery Charger (×1)



Battery (×2)



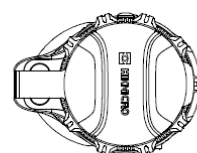
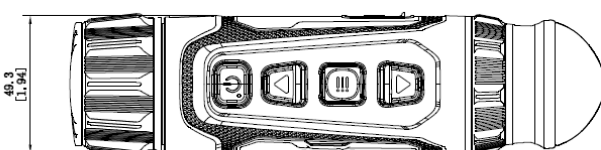
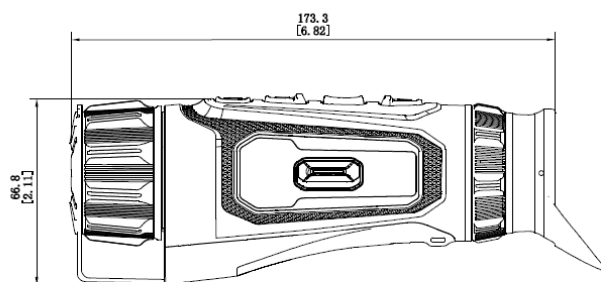
Lint-Free Cloth (×1)



Type-C Cable (×1)



Quick Start Guide(×1)



▪ Accessory

▪ Included

HM-3632DC
Battery



▪ Optional

HM-OUTDOOR-POUCH
Monocular Pouch



HM-RMB-LF
HM-RMB-LF





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