

Product Datasheet - Technical Specifications



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LC06S

Thermal Monocular



HIKMICRO LYNX S LC06S thermal monocular is equipped with a 160×120 infrared detector and a 800×600 OLED display. It supports functions of observation, distance measurement, hotspot, and so on. The high-sensitivity built-in thermal detector provides you with clear view even in total darkness. The monocular is mainly applied to scenarios such as hunting, hiking, searching and rescuing, etc.

Key Feature

- High sensitivity thermal module with 160×120 resolution
- NETD < 35 mK (@25°C, F# = 1.0)
- Leading thermal image processing technology: Adaptive AGC, DDE, 3D DNR
- 800×600 resolution 0.32-inch OLED display
- Built-in rechargeable lithium battery
- Up to 10 hours continuous operation
- Support hotspot
- Type-C Interface

Specification

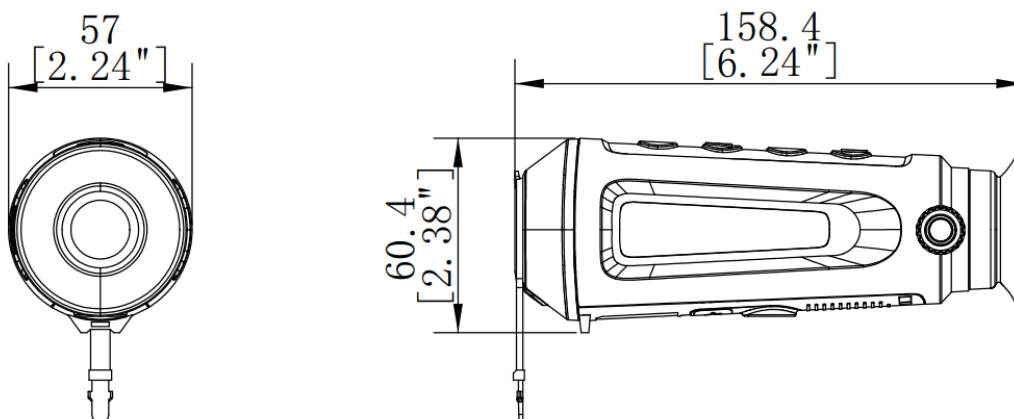
Thermal Module	
Image Sensor	VOx Uncooled Focal Plane Arrays
Max. Resolution	160 × 120
Frame Rate	50 Hz
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD	Less than 35 mK (@25°C, F# = 1.1)
Lens (Focal Length)	6.2 mm, F1.1
Detection Range	250 m
Focus Mode	Focus Free
Min. Focusing Distance	1 m
Magnification	1.0× to 4.0× (4×)
Field of View(H × V), Degrees / m @100 m	24.7° × 18.7° / 43.8 m × 32.9 m
Image Display	
Display	800 × 600, 0.32-inch, OLED
Palettes	Black Hot, White Hot, Red Hot, Fusion
FFC (Flat Field Correction) Mode	Auto, Manual, External Correction
Exit Pupil	20 mm
Eye Relief	6 mm
Diopter (Range)	-5D to +4D
Brightness Adjustment	Yes
Tone Adjustment	Cold, Warm
Contrast Adjustment	Yes
System	
Record Video	Yes
Capture Snapshot	Yes
Audio Recording	Yes
Standby Mode	Yes
Storage	Built-in memory module (8 GB)
PIP	Yes
Hotspot	Yes
Hot Track	Yes
Distance Measurement	Yes
Power Supply	
Battery Type	Rechargeable Lithium Battery
Battery Operating Time	10 hours continuous running with CVBS and hotspot off (@25°C) 8.5 hours continuous running with CVBS and hotspot on (@25°C)

Type-C Power Supply	DC 5 V/2 A Supports External Power Supply
General	
Protection Level	IP67
Dimension	158.4 mm × 60.4 mm × 57 mm (6.24" × 2.38" × 2.24")
Working Temperature	-20°C to 55°C (-4°F to 131°F)
Weight	250 g (0.55 lbs)

▪ Available Model

HM-TS01-06S1F/W-LC06S

▪ Dimension



Unit: mm [inch]

▪ Accessories



Quick Start Guide
(x1)



Non-dust Cloth (x1)



USB Cable (x1)



Protective Bag (x1)



Wrist Strap (x1)

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