

HikMicro Lynx S 6mm Thermal Monocular Specification

[HikMicro Lynx S 6mm](#)

Specifications

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:	1.0x to 4.0x (4x)
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 x 60.4 mm x 57 mm (6.24" x 2.38" x 2.24")
Working Temperature:	-20°C to 55°C (-4°F to 131°F)
Weight:	250 g (0.55 lbs)