

HikMicro Lynx S 10mm Thermal Monocular Specification

[HikMicro Lynx S 10mm](#)

Specifications

Thermal Module

Image Sensor:	VOx Uncooled Focal Plane Arrays
Max. Resolution:	256 × 192
Frame Rate:	50 Hz
Pixel Interval:	12 μm
Response Waveband:	8 μm to 14 μm
NETD:	Less than 35 mK (@25°C, F# = 1.0)
Lens (Focal Length):	9.7 mm, F1.0
Focus Mode:	Focus Free
Detection Range:	500 m
Min. Focusing Distance:	4 m
Magnification:	1.5× to 12.0× (8×)
Field of View(H × V), Degrees / m @100 m:	18.0° × 13.6° / 31.7 m × 23.8 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:	8 hours continuous running with hotspot function off (@25°C) 6 hours continuous running with hotspot function on (@25°C)
Type-C Power Supply:	DC 5 V/2 A Supports External Power Supply

General

Protection Level:	IP67
Dimension:	158.3 mm × 61 mm × 57 mm (6.23" × 2.40" × 2.24")
Working Temperature:	- 20°C to 55°C (-4°F to 131°F)
Weight:	260 g (0.57 lbs)