

HikMicro Lynx 2.0 15mm 384px Thermal Monocular Specification

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Specifications

Thermal Module

Image Sensor:	VOx Uncooled Focal Plane Arrays
Max. Resolution:	384 × 288
Frame Rate:	50 Hz
Pixel Interval:	12 μm
Response Waveband:	8 μm to 14 μm
NETD:	Less than 20 mK (@25°C), F# = 1.0
Lens (Focal Length):	15 mm, f1.0
Detection Range:	750 m
Min. Focusing Distance:	1.5 m
Magnification:	1.4x to 11.2x (8x)
Field of View(H × V), Degrees / m @100m:	17.5° × 13.1°/30.8 m × 23.0 m

Image Display

Display:	1024 × 768, 0.39 inch, OLED
Palettes:	Black Hot, White Hot, Red Hot, Fusion
FFC (Flat Field Correction) Mode:	Auto, Manual, External Correction
Exit Pupil:	6 mm
Eye Relief:	20 mm
Diopter (Range):	-5 D to +3 D
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 EMMC (16 GB)
PIP:	Yes
Hotspot:	Yes
Hot Track:	Yes
Distance Measurement:	Yes
Power Supply	
Battery Type:	Replaceable and Rechargeable Li-ion Battery
Battery Operating Time:	6.5-hour continuous running with CVBS and hotspot function off (@25°C)
Type-C Power Supply:	5VDC, 2 A Supports External Power Supply
General	
Protection Level:	IP67
Dimension:	164.0 mm x 56.0 mm x 60.8 mm
Weight:	272 g without battery
Working Temperature:	-30°C to +55°C