

LH19 2.0

Thermal Monocular



With its high thermal sensitivity of NETD < 20mK and 384 VOx sensor, the HIKMICRO LYNX LH19 2.0 ensures the production of harmonious and detailed images. Experience control with the manual focus feature, allowing you to precisely adjust the image to the exact distance.

Key Feature

- High sensitivity thermal module NETD < 20 mK (@25°C, F# = 1.0)
- 384 × 288 resolution with 12μm detector
- 1024 × 768 resolution 0.39-inch OLED display
- Replaceable and rechargeable Li-ion battery
- 280 g lightweight, with a compact and ergonomic design
- Up to 6.5 hours of continuous operation

Specification

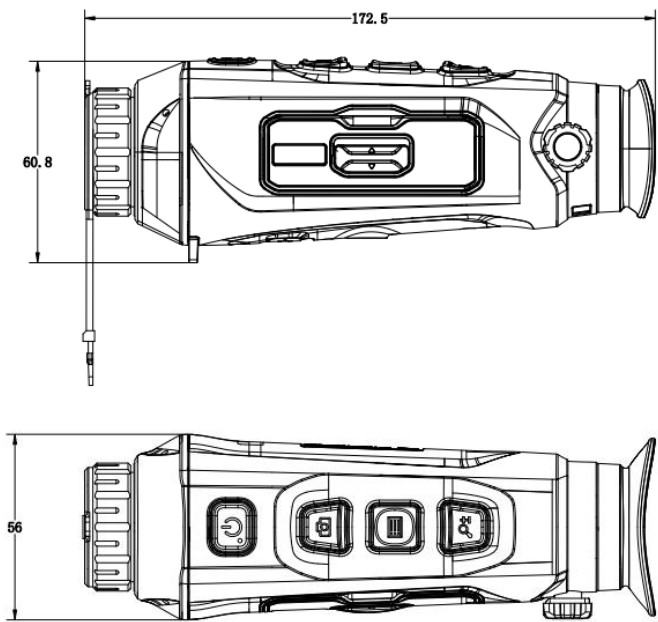
Thermal Module	
Image Sensor	VOx Uncooled Focal Plane Arrays
Max. Resolution	384 × 288
Frame Rate	50 Hz
Pixel Interval	12 μm
Response Waveband	8 μm to 14 μm
NETD	Less than 20 mK (@25°C), F# = 1.0
Lens (Focal Length)	19 mm, f1.0
Focus Mode	Focus Ring
Detection Range	900 m
Min. Focusing Distance	1.9 m
Magnification	1.8x to 14.4x (8x)
Field of View(H × V), Degrees / m @100m	13.7° × 10.3°/24.0 m × 18.0 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	172.5 mm × 56.0 mm× 60.8 mm
Weight	282 g without battery
Working Temperature	-30°C to +55°C

▪ Available Model

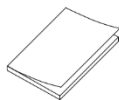
HM-TS83-19S1GW-LH19 2.0

▪ Dimension



Unit: mm

▪ Accessories



**Quick Start Guide
(x1)**



Non-dust Cloth (x1)



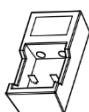
USB Cable (x1)



Protective Bag (x1)



Wrist Strap (x1)



Charger (x1)



Cell (x2)

COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.



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