

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

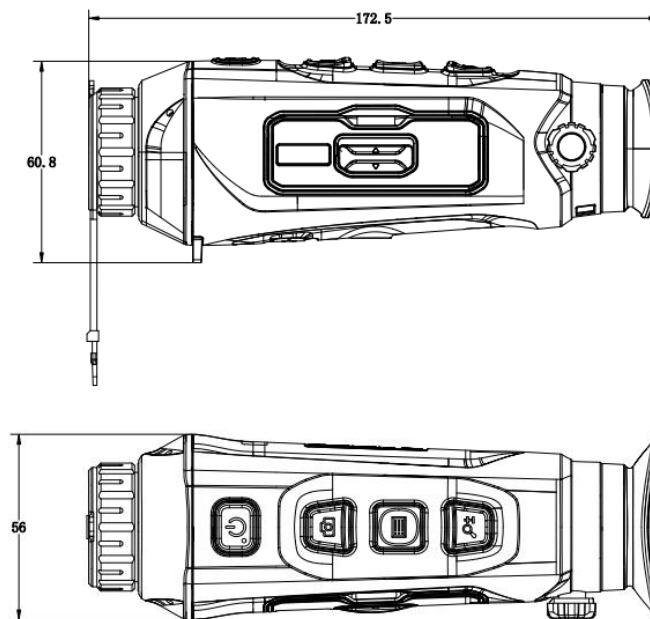
| Thermal Module | |
|---|--|
| Image Sensor | VOx Uncooled Focal Plane Arrays |
| Max. Resolution | 384 × 288 |
| Frame Rate | 50 Hz |
| Pixel Interval | 12 μm |
| Response Waveband | 8 μm to 14 μm |
| NETD | Less than 20 mK (@25°C), F# = 1.0 |
| Lens (Focal Length) | 19 mm, f1.0 |
| Focus Mode | Focus 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

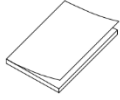
HM-TS83-19S1GW-LH19 2.0

▪ Dimension



Unit: mm

▪ Accessories



**Quick Start Guide
(x1)**



Non-dust Cloth (x1)



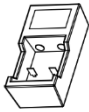
USB Cable (x1)



Protective Bag (x1)



Wrist Strap (x1)



Charger (x1)



Cell (x2)

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