

LH25 2.0

Thermal Monocular



Equipped with a powerful 25 millimeter lens and an advanced 384 sensor with 12 micrometer pixel pitch, HIKMICRO LYNX LH25 2.0 captures highly detailed images at short and medium distances, especially with a high thermal sensitivity of NETD < 20 mK. With its exceptional capabilities, it effectively detects games at distances of up to 1200 meters.

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
- 275 g lightweight, with a compact and ergonomic design
- Up to 6.5 hours of continuous operation

Specification

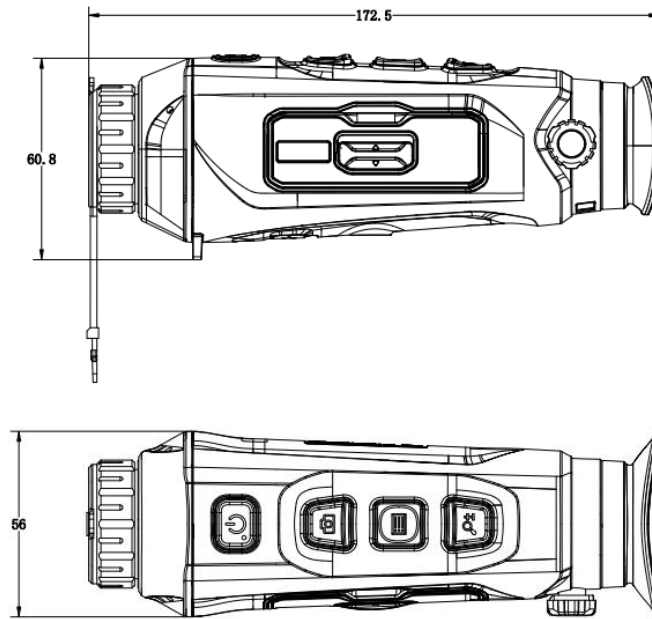
| Thermal Module | |
|---|--|
| Image Sensor | VOx Uncooled Focal Plane Arrays |
| Max. Resolution | 384 × 288 |
| Frame Rate | 50 Hz |
| Pixel Interval | 12 μm |
| Response Waveband | 8 μm to 14 μm |
| NETD | Less than 20 mK (@25°C), F# = 1.0 |
| Lens (Focal Length) | 25 mm, f1.0 |
| Focus Mode | Focus Ring |
| Detection Range | 1200 m |
| Min. Focusing Distance | 2.5 m |
| Magnification | 2.4x to 19.2x (8x) |
| Field of View(H × V), Degrees / m @100m | 10.5° × 7.9°/ 18.4 m×13.8 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 | 277 g without battery |
| Working Temperature | -30°C to +55°C |

▪ Available Model

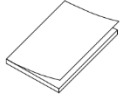
HM-TS83-25S1GW-LH25 2.0

▪ Dimension



Unit: mm

▪ Accessories



**Quick Start Guide
(x1)**



Non-dust Cloth (x1)



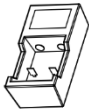
USB Cable (x1)



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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