

# 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

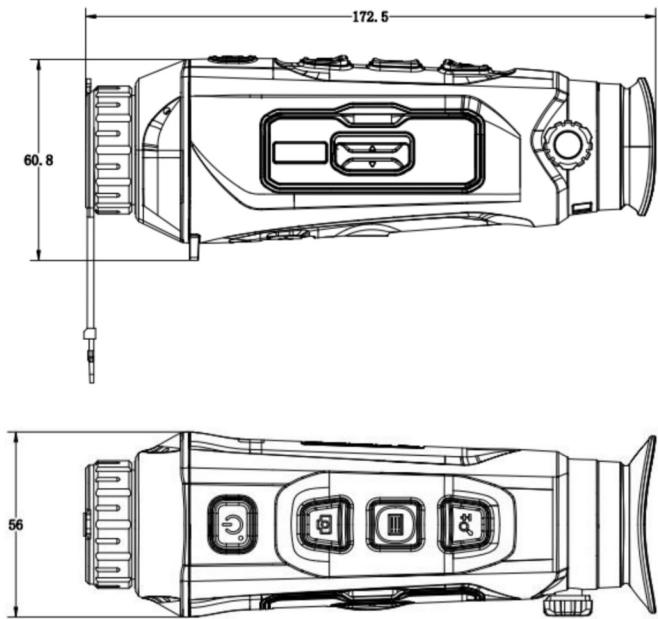
Thermal Module	
Image Sensor	VOx Uncooled Focal Plane Arrays
Max. Resolution	384 × 288
Frame Rate	50 Hz
Pixel Interval	12 μm
Response Waveband	8 μm to 14 μm
NETD	Less than 20 mK (@25°C), F# = 1.0
Lens (Focal Length)	25 mm, f1.0
Focus Mode	Focus Ring
Detection Range	1200 m
Min. Focusing Distance	2.5 m
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
<b>General</b>	
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)**

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