



LE15S

Thermal Monocular

HIKMICRO LYNX S LE15S thermal monocular is equipped with a 256×192 infrared detector and an 800×600 OLED display. It supports functions of observation, distance measurement, hotspot, and so on. The high-sensitivity built-in thermal detector provides you with clear view even in total darkness. The monocular is mainly applied to scenarios such as hunting, hiking, searching and rescuing, etc.

Key Features

- 256×192 resolution, $12 \mu\text{m}$, high sensitivity detector
- NETD less than 35 mK (@ 25°C), $F \# = 1.0$
- Adaptive AGC, DDE, 3D DNR
- 800×600 resolution 0.32-inch OLED display
- Built-in rechargeable lithium battery
- Up to 8 hours continuous running
- Support hotspot

Specification

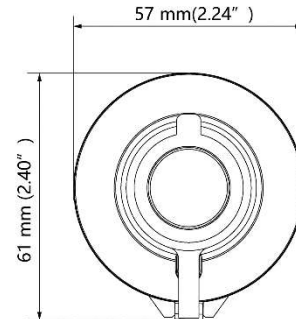
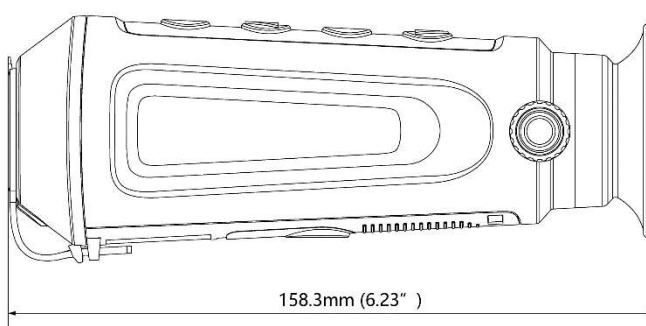
THERMAL MODULE	
IMAGE SENSOR	V0x Uncooled Focal Plane Arrays
MAX. RESOLUTION	256 × 192
FRAME RATE	50 Hz
PIXEL INTERVAL	12 μm
RESPONSE WAVEBAND	8 μm to 14 μm
NETD	Less than 35 mK (@ 25°C), F# = 1.0
LENS (FOCAL LENGTH)	15 mm
DETECTION RANGE	750 m
MIN. FOCUSING DISTANCE	10 m
APERTURE	F1.0
MAGNIFICATION	2.2x
FIELD OF VIEW (H × V), DEGREES/M @100 M	11.69° × 8.78°/20.47 m × 15.35 m
IMAGE DISPLAY	
DISPLAY	800 × 600, 0.32 inch, OLED
IMAGE MODE	Black Hot, White Hot, Red Hot, Fusion
CONTRAST ADJUSTMENT	Yes
BRIGHTNESS ADJUSTMENT	Yes
FFC (FLAT FIELD CORRECTION) MODE	Auto, Manual, External Correction
EXIT PUPIL	20 mm
EYE RELIEF	6 mm
DIOPTER (RANGE)	-5D to +4D
TONE ADJUSTMENT	Cold, Warm
SYSTEM	
RECORD VIDEO	Yes
CAPTURE SNAPSHOT	Yes
STANDBY MODE	Yes
STORAGE	Built-in memory module (8 GB)
PIP	Yes
HOTSPOT	Yes

DIGITAL ZOOM	1x, 2x, 4x, 8x
HOT TRACK	Yes
DISTANCE MEASUREMENT	Yes
POWER SUPPLY	
BATTERY TYPE	Lithium Battery
BATTERY OPERATING TIME	8 hours continuous running with CVBS and hotspot off (@ 25°C) 6 hours continuous running with CVBS and hotspot off (@ 25°C)
BATTERY CAPACITY DISPLAY	Yes
POWER SUPPLY	5 VDC/2 A
GENERAL	
HARDWARE INTERFACE	Type-C Interface
POWER CONSUMPTION	1.5 W
WORKING TEMPERATURE	-20°C to 55°C (-4°F to 131°F)
PROTECTION LEVEL	IP67
DIMENSION	158.3 mm × 61 mm × 57 mm (6.23" × 2.40" × 2.24")
WEIGHT	260 g (0.57 lb)

Available Model

LE15S

Dimension



Unit: mm

Accessories



Quick Start Guide
(x1)



Non-dust Cloth (x1)



USB Cable (x1)



Protective Bag (x1)



Wrist Strap (x1)

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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