



- 256 × 192 resolution @12 μm thermal detector
- High sensitivity thermal module NETD < 35 mK (@25°C, F# = 1.0)
- 25 mm, F1.0 lens with thermal detection range up to 1300 m
- 3840 × 2160 4K ultra high-resolution CMOS detector
- 60 mm, F2.2 digital lens with 5.5x to 44x digital zoom
- 1920 × 1080 resolution 0.49-inch OLED display
- Built-in 850 nm IR illuminator and Laser Rangefinder of 1100 m measuring distance
- <800 g lightweight, with a compact and ergonomic design

BIN-L2560-EOIR-4K is a powerful and innovative digital and thermal binocular designed especially for daytime use. Combined with a 256 thermal detector, an advanced 4K digital detector for a 5.5x-44x @60 mm lens, and a 1100 m laser rangefinder, this all-in-one binocular can be mainly applied in forest & field hunting, birding, animal searching, adventuring, and rescuing in various weather conditions.

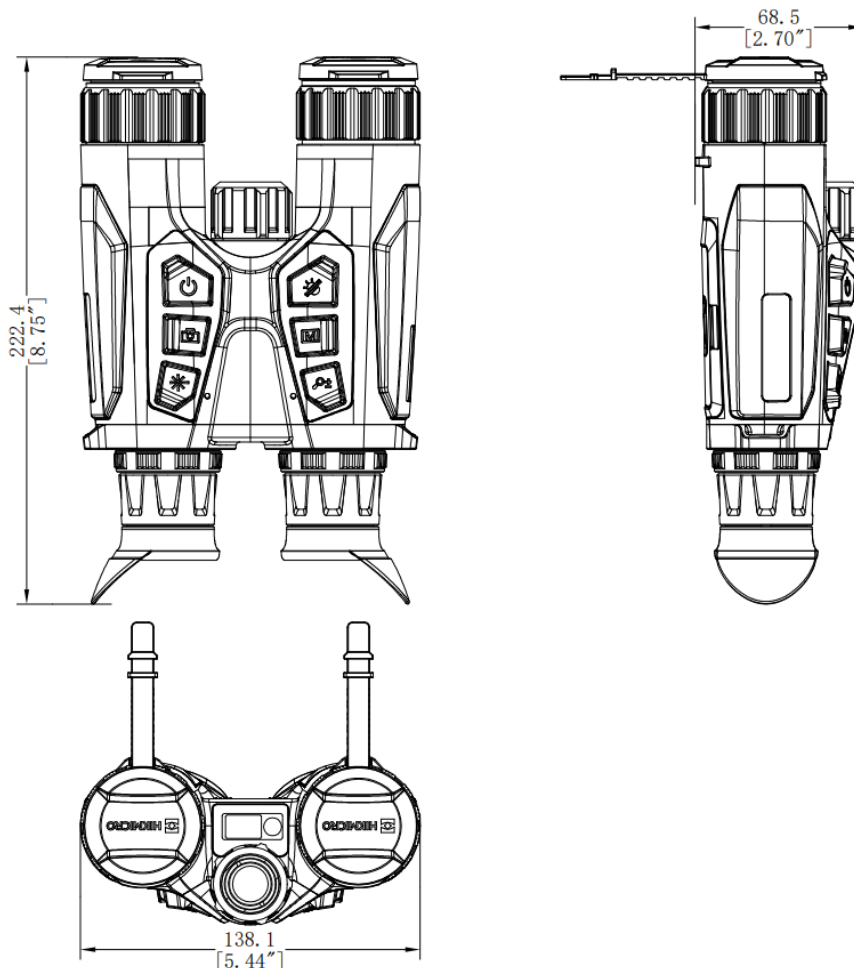
SPECIFICATIONS

Thermal Module	
Image Sensor	VOx 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)	25 mm, F1.0
Focus Mode	Focus Ring
Detection Range	1300 m
Min. Focusing Distance	3 m
Magnification	4.3x to 34.4x (8x)
Field of View(H × V), Degrees/ m @100m	7.0° × 5.3°/12.2 m × 9.3 m

Optical Module	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Focal Length	60 mm, F2.2
Min. Working Distance	8 m
Focus Mode	Focus Ring
Magnification	5.5x to 44.0x (8x)
Field of View (H × V), Degrees/m @100 m	6.9°× 4.1°/12.0 m × 7.2 m
Smart IR	Yes
IR Illuminator Wavelength	850 nm
Viewing Range at Night	450 m
Image Display	
Display	0.49 inch, OLED, 1920 ×1080
Palettes	Thermal: Black Hot, White Hot, Red Hot, Fusion; Optical: Day, Night, Auto
FFC (Flat Field Correction) Mode	Auto, Manual, External Correction
Exit Pupil	8 mm
Eye Relief	15 mm
Diopter (Range)	-5 D to +3 D
Brightness Adjustment	Yes
Tone Adjustment	Cold, warm
Contrast Adjustment	Yes
Zoom Pro	Yes
System	
Record Video	Yes
Capture Snapshot	Yes
Audio Recording	Yes
Standby Mode	Yes
Storage	Built-in EMMC (64 GB)
PIP	Yes
Hotspot	Yes
Hot Track	Yes
Digital Magnetic Compass	Yes
GPS	Yes
Local Album	Yes

Power Supply	
Battery Type	Replaceable and Rechargeable Li-ion Battery
Battery Operating Time	≥ 8 h (25°C, with hotspot off)
Type-C Power Supply	5 VDC, 2 A Supports External Power Supply
General	
Protection Level	IP67
Dimension	138 mm × 68.2 mm × 223 mm (5.4" × 2.7" × 8.6")
Working Temperature	-30°C to +55°C
Weight	795 g without batteries
Interpupillary Adjustment Range	60 mm to 74 mm
Mounting Adapter	1/4"-20-UNC
Laser Rangefinder	
Safety Class for Laser	Class 1
Wavelength	905 nm
Max. Measuring Range	1100 m
Measurement Accuracy	±1 m
Min. Measuring Range	10 m

. Dimension



Unit: mm [Inch]