

LE10 3.0

Thermal Monocular



The LE10 3.0 is the ultimate-valued thermal monocular for close-range observation. Featuring a 256x192 thermal detector and a 9.7mm F1.0 lens, it offers a 1.4x base magnification and an 18° field of view, with a detection range of up to 500m. Compact, reliable, and lightweight, it is an excellent choice for quick and efficient use in tight spaces.

Key Feature

- High-sensitivity thermal module with NETD < 20 mK
- 9.7 mm, F1.0 lens with thermal detection range up to 500 m
- AI-powered Image Pro 3.0 and Zoom Pro algorithms
- HIKMICRO Shutterless Image System (HSIS)
- 0.39-inch 1024 × 768 resolution AMOLED display
- Replaceable and rechargeable 18650 battery provides up to 5.5 hours of continuous operation at -20°C
- Lightweight design at 291.5g, with a pocket-sized build

Specification

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 20 mK (@25°C), F#=1.0
Lens (Focal Length)	9.7 mm, F1.0
Focus Mode	Focus Free
Min. Focusing Distance	3.4 m
Magnification	1.4 × - 11.2 × (8 ×)
Field of View(H × V), Degrees / m @100 m	18.0° × 13.6°/31.7 m × 23.8m
Detection Range	500 m
Image Display	
Display	1024 × 768, 0.39 inch, AMOLED
Contrast Adjustment	Yes
Brightness Adjustment	Yes
Palettes	Black Hot, White Hot, Red Hot, Fusion, Red Monochrome, Green Monochrome
Exit Pupil	6 mm
Eye Relief	20 mm
Diopter (Range)	-5 D to +3 D
Tone Adjustment	Cold, warm
Zoom Pro	Yes
HSIS (HIKMICRO Shutterless Image System)	Yes
Image Pro 3.0	Yes
Sync Pro	Yes
System	
Storage	Built-in EMMC (64GB)
Record Video	Yes
Capture Snapshot	Yes
Local Album	Yes
Standby Mode	Yes
PIP	Yes
Hotspot	2.4/5 G WiFi Waveband
Hot Track	Yes
Distance Measurement	Yes
Audio Recording	Yes

Power Supply	
Battery Type	Replaceable and rechargeable 18650 battery
Battery Operating Time	TBD
Type-C Power Supply	5 V DC, 2 A Supports External Power Supply, Support Direct Charging
General	
Work Temperature/Humidity	From -30°C to 45°C (-22°F to 113°F); Humidity: 90% or Less
Protection Level	IP67
Dimension	TBD
Weight	TBD

Available Model

HM-TSF2-10Y1G/W1-LE10 3.0

Accessories



Battery Charger (×1)



Battery (×2)



Lint-Free Cloth (×1)



Type-C Cable (×1)



Quick Start Guide(×1)

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