

UNI-LH19

Handheld Thermal Monocular Camera

OVERVIEW

The Uni-LH19 handheld thermal monocular camera is equipped with a 384 × 288 infrared detector and a 1280 × 960 LCOS display. It supports functions of observation, distance measurement, Wi-Fi hot spot, 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 patrolling, searching and rescuing, hiking, travel, and hunting, etc.



KEY FEATURES

- 384 × 288 resolution, 12 μm, high sensitivity detector
- Adaptive AGC, DDE, 3D DNR, NETD less than 35 mk (@25°C), F#=1.0
- 1280 × 960 resolution 0.4-inch LCOS display
- Built-in rechargeable lithium battery
- Up to 7.5 hours continuous running
- Wi-Fi hot spot
- Type-C Interface

THERMAL MODULE

Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays		
Pixel Interval	12 μm	Digital Zoom	1 ×, 2 ×, 4 ×, 8 ×
Max Resolution	384 × 288	Field of View	13.8° × 10.4° (H × V)
Response Waveband	8 μm to 14 μm	Aperture	F1.0
NETD	less than 35 mk (25 °C, F#=1.0)	Magnification	1.86 to 14.88
Lens (Focal Length)	19 mm		

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IMAGE DISPLAY

Monitor	0.4 inch, LCOS, 1280 × 960	FFC (Flat Field Correction)	Auto, Manual, External Correction
Palettes	Black hot, white hot, red hot, fusion	Frame Frequency	50 Hz

SMART FUNCTION

Wi-Fi Hot Spot	Yes	Detection Range	897 m
Standby Mode	Yes		

SYSTEM

Storage	Built-in memory module (8 GB)	Capture Snapshot	Yes
Record Video	Yes		

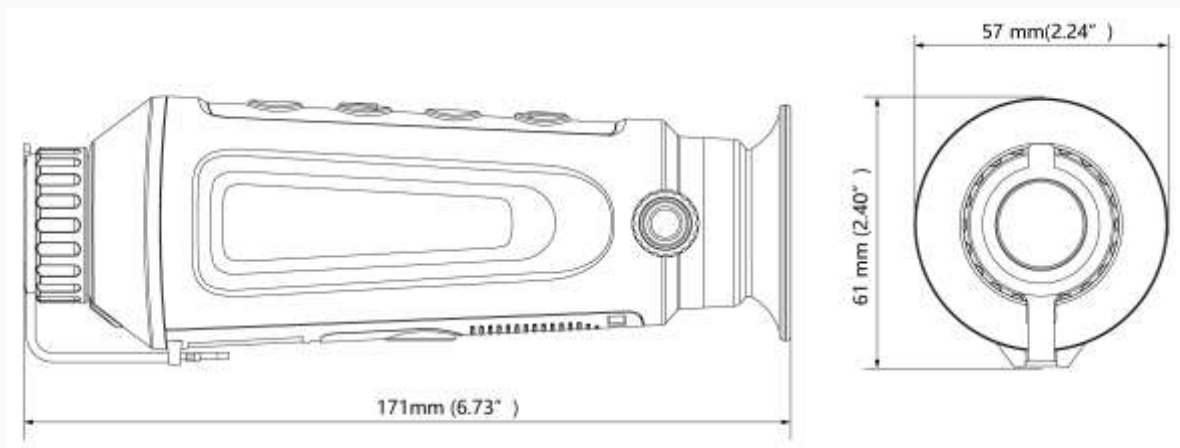
POWER SUPPLY

Battery Type	Lithium battery	Battery Operating Time	7.5 hours continuous running with Wi-Fi hot spot function off (@25°C)
Battery Capacity Display	Yes		6 hours continuous running with Wi-Fi hot spot function on (@25°C)

GENERAL

Power	5 VDC/2 A, 1.5 W, Type-C Interface	Protection Level	IP67
Working Temperature	-20 °C to 55 °C (-4 °F to 131°F)	Weight	310 g (0.68 lb)
Dimension	171 mm × 61 mm × 57 mm (6.73" × 2.40" × 2.24")		

DIMENSIONS



ACCESSORIES

- Quick Start Guide x1
- USB Cable x1
- Non-dust Cloth x1
- Protective Bag x1
- Wrist Strap x1

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