SX60L 3.0

Thermal Scope

HIKMICRO STELLAR SX60L 3.0 Thermal Scope is equipped with a 1280 × 1024 @12 µm thermal detector, with much higher sensitivity (NETD < 18 mK) and the latest image processing algorithm (Image Pro 2.0), ensuring users catch the finest details no matter the weather or light conditions without interruption. With a 2560 × 2560 1.03" OLED larger display, SX60L 3.0 makes it easier to spot targets quickly and accurately. The built-in lens 1000 m LRF and ballistic calculation contribute to more accurate shooting. The scope is mainly used for field and forest hunting.

Key Feature

- 1280 × 1024 resolution @12 µm thermal detector
- High sensitivity thermal module NETD < 18 mK (@25°C, F# = 1.0)
- 60 mm, F1.0 lens with detection range up to 3100 m
- 2560 × 2560 resolution 1.03-inch OLED display
- Built-in lens laser rangefinder up to 1000 m, with ballistic calculation
- Rechargeable internal batteries and external battery, 9h continuous operation
- High shock resistance up to 1000 g/0.4 ms

Specification

Thermal Module	
Image Sensor	VOx Uncooled Focal Plane Arrays
Max. Resolution	1280 × 1024
Frame Rate	25 Hz
Pixel Interval	12 μm
Response Waveband	8 μm to 14 μm
NETD	Less than 18 mK (@25°C, F# = 1.0)
Lens (Focal Length)	60 mm, F1.0
Focus Mode	Focus Ring
Detection Range[*]	3100 m
Min. Focusing Distance	6 m
Magnification	2.5× to 28.5× Support 1× step value of continuous zooming
Field of View(H×V), Degrees/m @100 m	14.6° × 11.7°/25.6 m × 20.5 m
Image Display	
Display	2560 × 2560, 1.03-inch OLED
FFC (Flat Field Correction) Mode	Auto, Manual, External Correction
Palettes	Black Hot, White Hot, Red Hot, Fusion, Red Monochrome, Green Monochrome
Exit Pupil	6 mm
Eye Relief	45 mm
Diopter (Range)	-4D to 4D
Brightness Adjustment	Yes
Tone Adjustment	Cold, Warm
Contrast Adjustment	Yes
Image Pro 2.0	Yes
HSIS (HIKMICRO Shutterless Image System)	No
Zoom Pro	No
System	
Record Video	On-board Video Recording
Capture Snapshot	Yes
Audio Recording	Yes
Recoil-activation Recording	Yes
Storage	Built-in EMMC (64 GB)
PIP	Yes
Hotspot	Yes
Hot Track	Yes
Distance Measurement	Yes

Zeroing Profiles	5
Freeze Zeroing	Yes
Max. Recoil	1000 g/0.4 ms
Standby Mode	Yes
Ballistic Calculation	Yes
Local Album	Yes
Power Supply	
Battery Type	Two rechargeable Lithium batteries (internal), one replaceable and rechargeable 18650 battery (external)
Battery Operating Time	9 hours continuous running (@25°C, LRF on)
Type-C Power Supply	DC 5 V/2 A, USB Type-C interface, Supports QC3.0 *Only the built-in battery will be charged via the type-C cable. Use the battery charger to charge the external battery.
General	
Mounting	Standard 30 mm
Dimension	452.6 mm × 94.3 mm × 78.9 mm
Weight	1000 g without external battery
Working Temperature	-30°C to 55°C (-22°F to 131°F)
Protection Level	IP67
Center Height	41 mm
Laser Rangefinder	
LRF Module in Lens	Yes
Wavelength	905 nm
Safety Class for Laser	Class 1
Max. Measuring Range	1000 m
Measurement Accuracy	±1 m
Min. Measuring Range	10 m

Note: The detection range of SX60L 3.0 (Limited Version) is up to 2900 m.
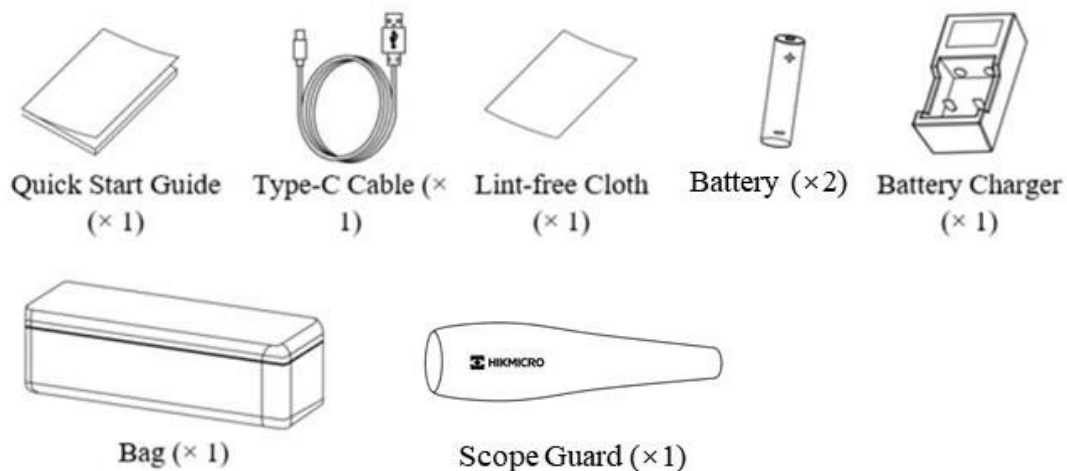
· Available Model

SX60L 3.0

· Dimension

452.64±5
[17.82±0.20]

94.27±5
[3.71±0.20]

78.92±5
[3.11±0.20]

83.91±5
[3.30±0.20]
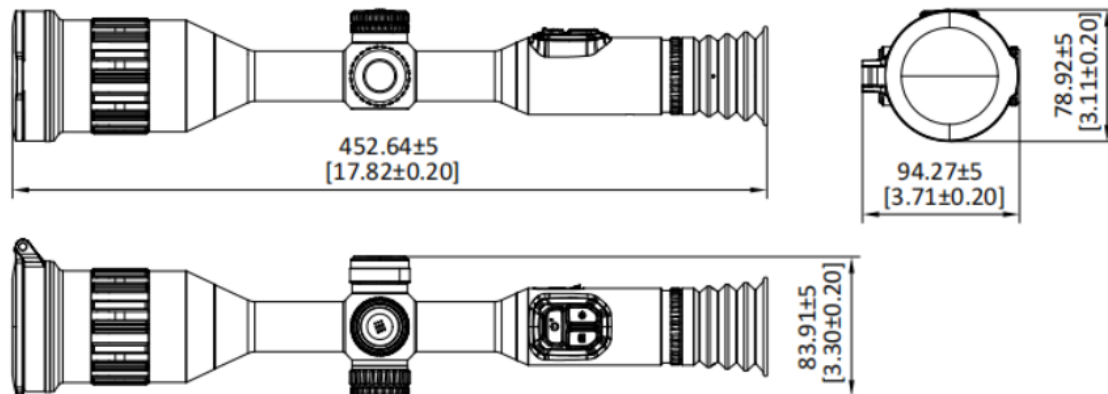
Unit: mm[inch]

· Accessories

Quick Start Guide (× 1)　　Type-C Cable (× 1)　　Lint-free Cloth (× 1)　　Battery (×2)　　Battery Charger (× 1)

Bag (× 1)　　Scope Guard (×1)

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BATTERY **1** YEAR

FULL PRODUCT **3** YEARS

DETECTOR **10** YEARS