SX60L 3.0
Thermal Scope

HIKMICRO STELLAR SX60L 3.0 Thermal Scope is equipped with a 1280 ×1024 @12µm thermal detector, with much higher sensitivity (NETD < 18mK) 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" AMOLED larger display, SX60L 3.0 makes it easier to spot targets quickly and accurately. The built-in lens 1000m LRF and ballistic calculation contribute to more accurate shooting. The scope is mainly used for field and forest hunting.

Key Feature

- 1280 x 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, 10h continuous operation
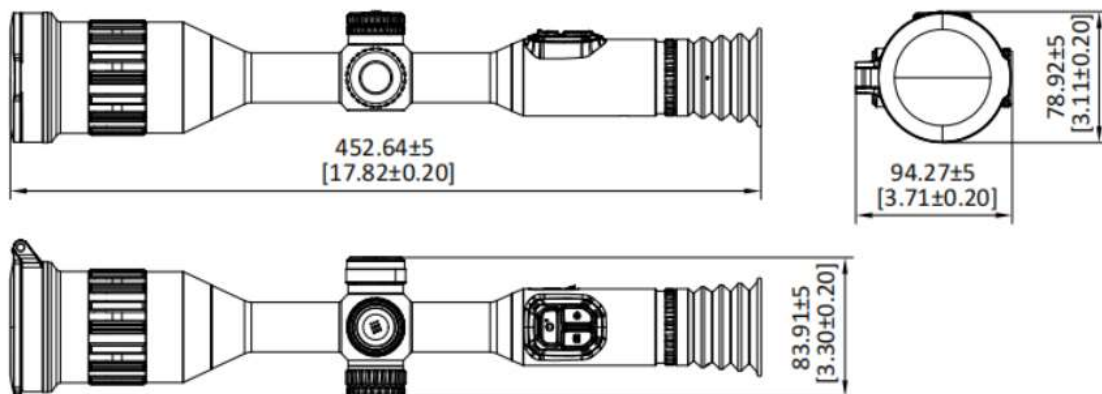- High shock resistance up to 1000 g/0.4 ms

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×-28.5× Support 1× step value of continuous zooming
Field of View(H×V), Degrees / m @100 m	14.6°×11.7°/25.6m×20.5m

Image Display	
Display	2560 × 2560, 1.03-inch OLED
Palettes	Black Hot, White Hot, Red Hot, Fusion, Red Monochrome, Green Monochrome
FFC (Flat Field Correction) Mode	Auto, Manual, External Correction
Exit Pupil	6 mm
Eye Relief	45 mm
Diopter (Range)	-5D to 3D
Brightness Adjustment	Yes
Tone Adjustment	Cold, Warm
Contrast Adjustment	Yes
Image Pro 2.0	Yes

System	
Record Video	On-board Video Recording
Capture Snapshot	Yes
Audio Recording	Yes
Recoil-activation Recording	Yes
Standby Mode	Yes
Storage	Built-in EMMC (64 GB)
PIP	Yes
Hotspot	Yes
Hot Track	Yes
Distance Measurement	Yes
Zeroing Profiles	5
Max. Recoil	1000 g/0.4 ms

Freeze Zeroing	Yes
Local Album	Yes
Power Supply	
Battery Type	Two rechargeable Lithium batteries (internal), one replaceable and rechargeable 18650 battery (external)
Battery Operating Time	10 hours continuous running (@-20°C, LRF on)
Type-C Power Supply	5 V DC/2 A, USB Type-C interface Supports QC3.0
General	
Mounting	Standard 30 mm
Protection Level	IP67
Dimension	452.6mm x 94.3mm x78.9mm
Weight	1000g without external battery
Working Temperature	-30°C to 55°C (-22°F to 131°F)
Center Height	41mm
Laser Rangefinder	
LRF Module in Lens	Yes
Safety Class for Laser	Class 1
Wavelength	905 nm
Max. Measuring Range	1000 m
Measurement Accuracy	±1 m
Min. Measuring Range	10 m

· Available Model

SX60L 3.0

· Dimension

452.64±5
[17.82±0.20]

78.92±5
[3.11±0.20]

94.27±5
[3.71±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)
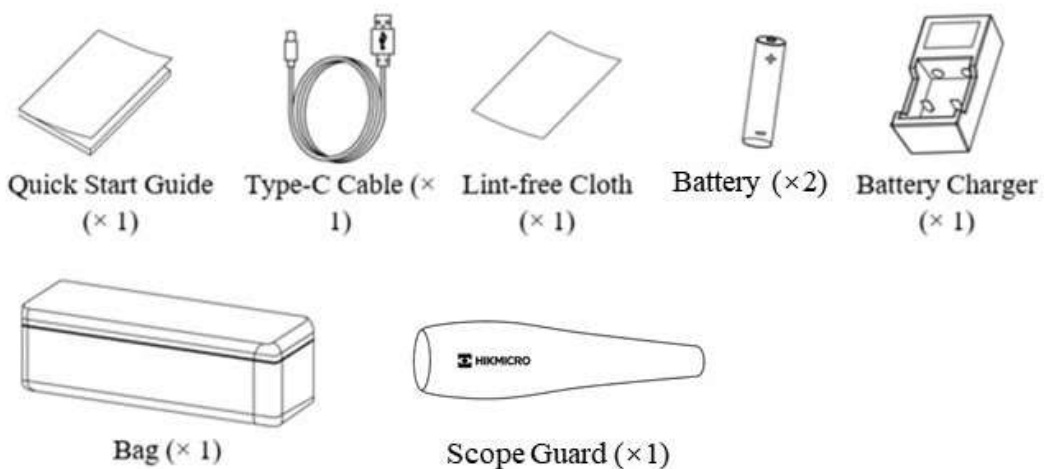
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BATTERY **1** YEAR   FULL PRODUCT **3** YEARS   DETECTOR **10** YEARS