HIKMICRO

STELLAR SH35

Thermal Image Scope

HIKMICRO STELLAR SH35 Thermal Image Scope has 384 × 288 thermal detector and 1024 × 768 OLED display, which provides clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc. The traditional-style 35 mm Tube meets the needs of professional hunters who value traditions and seek technological superiority, ensure an extreme detection range of up to 1800 meters.

Key Features

- 384 × 288 thermal resolution, high sensitivity detector, NETD < 35 mK (25°C, F# = 1.0)
- Supports audio recording
- Supports recoil-activation recording
- Supports video recording and snapshot, built-in EMMC (64 GB)
- 1024 × 768 resolution 0.39-inch OLED display
- Observation Distance up to 1800 m

Specification

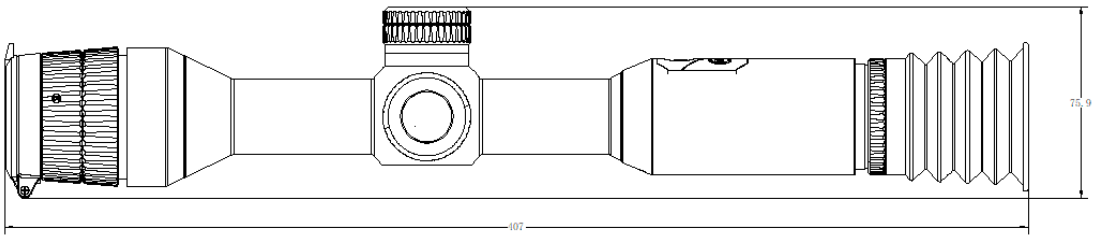
THERMAL MODULE	
IMAGE SENSOR	Uncooled Focal Plane Array
MAX. RESOLUTION	384 × 288
FRAME RATE	50 Hz
PIXEL INTERVAL	12 μm
RESPONSE WAVEBAND	8 μm to 14 μm
NETD	less than 35 mK (25°C, F#=1.0)
LENS (FOCAL LENGTH)	35 mm
DETECTION RANGE	1800 m
FIELD OF VIEW	7.53°× 5.65°
MIN. FOCUSING DISTANCE	5 m
APERTURE	F1.0
MAGNIFICATION	2.7×
IMAGE DISPLAY	
DISPLAY	1024 × 768, 0.39 inch, OLED
IMAGE MODE	Black Hot, White Hot, Red Hot, Fusion
FFC (FLAT FIELD CORRECTION) MODE	Auto, Manual, External Correction
EXIT PUPIL	5 mm
EYE RELIEF	60 mm
DIOPTER (RANGE)	-5 D to 5 D
SYSTEM	
DIGITAL ZOOM	1X, 2X, 4X, 8X
CAPTURE SNAPSHOT	Yes
RECORD VIDEO	On-board video recording
RECOIL-ACTIVATION RECORDING	Yes
AUDIO RECORDING	Yes
STANDBY MODE	Yes
STORAGE	Built-in EMMC (64 GB)
PIP	Yes
DPC	Yes

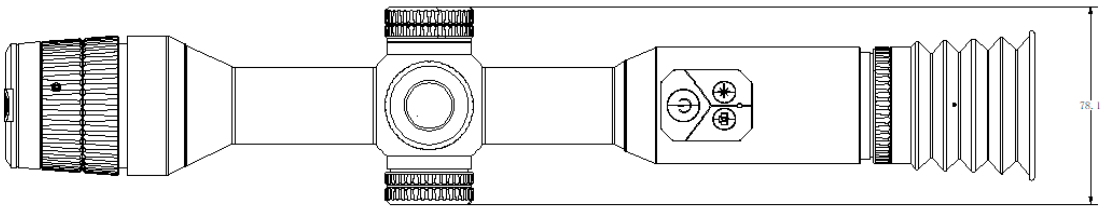
HOTSPOT	Yes
UNIFORMITY CORRECTION	Auto, Manual, External Correction
HOT TRACK	Yes
RETICLE	Yes
POWER SUPPLY	
BATTERY TYPE	Two rechargeable Lithium batteries (internal) and one replaceable CR123A (external)
BATTERY OPERATING TIME	15 hours continuous running (@25°C, Wi-Fi off)
BATTERY CAPACITY DISPLAY	Yes
ANTI-REVERSE BATTERY CONNECTION	Yes
OVERVOLTAGE PROTECTION	Yes
TYPE-C POWER SUPPLY	5 VDC/2 A, USB Type-C interface Supports QC3.0
GENERAL	
WORK TEMPERATURE/HUMIDITY	-30°C to 55°C (-22°F to 131°F)
PROTECTION LEVEL	IP67
DIMENSION	407 mm × 78.1 mm × 75.9 mm (16.02" × 3.07" × 2.99")
WEIGHT	890 g without eyepiece and CR123A

Available Model

HM-TR33-35XG/W-SH35

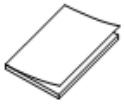
Dimension





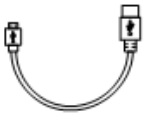
Unit: mm

Accessory

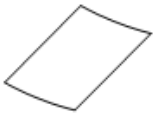


Quick Start Guide (×1)

Battery CR123A (×1)



Type-C Cable (×1)



Dust-free Cloth (×1)

Bag (×1)

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