## STELLAR SH35

## Thermal Image Scope

HIKMICRO STELLAR SH35 Thermal Image Scope has $384 \times 288$ thermal detector and $1024 \times 768$ 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

- $384 \times 288$ thermal resolution, high sensitivity detector, NETD < $35 \mathrm{mK}\left(25^{\circ} \mathrm{C}, \mathrm{F} \#=1.0\right)$
- Supports audio recording
- Supports recoil-activation recording
- Supports video recording and snapshot, built-in EMMC (64 GB)
- $1024 \times 768$ resolution 0.39-inch OLED display
- Observation Distance up to 1800 m


## Specification

| THERMAL MODULE |  |
| :---: | :---: |
| IMAGE SENSOR | Uncooled Focal Plane Array |
| MAX. RESOLUTION | $384 \times 288$ |
| FRAME RATE | 50 Hz |
| PIXEL INTERVAL | $12 \mu \mathrm{~m}$ |
| RESPONSE WAVEBAND | $8 \mu \mathrm{~m}$ to $14 \mu \mathrm{~m}$ |
| NETD | less than $35 \mathrm{mK}\left(25^{\circ} \mathrm{C}, \mathrm{F} \#=1.0\right)$ |
| LENS (FOCAL LENGTH) | 35 mm |
| DETECTION RANGE | 1800 m |
| FIELD OF VIEW | $7.53^{\circ} \times 5.65^{\circ}$ |
| MIN. FOCUSING DISTANCE | 5 m |
| APERTURE | F1.0 |
| MAGNIFICATION | 2.7x |
| IMAGE DISPLAY |  |
| DISPLAY | $1024 \times 768,0.39$ 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 | $1 \mathrm{X}, 2 \mathrm{X}, 4 \mathrm{X}, 8 \mathrm{X}$ |
| 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%, 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 | $-30^{\circ} \mathrm{C}$ to $55^{\circ} \mathrm{C}\left(-22^{\circ} \mathrm{F}\right.$ to $\left.131^{\circ} \mathrm{F}\right)$ |
| PROTECTION LEVEL | IP67 |
| DIMENSION | $407 \mathrm{~mm} \times 78.1 \mathrm{~mm} \times 75.9 \mathrm{~mm}\left(16.02^{\prime \prime} \times 3.07{ }^{\prime \prime} \times 2.99^{\prime \prime}\right)$ |
| WEIGHT | 890 g without eyepiece and CR123A |

## Available Model

## HM-TR33-35XG/W-SH35

## Dimension




Unit: mm

## Accessory



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