

# LE10S

## Thermal Monocular



HIKMICRO LYNX S LE10S thermal monocular is equipped with a  $256 \times 192$  infrared detector and an  $800 \times 600$  OLED display. It supports functions of observation, distance measurement, hotspot, and so on. The high-sensitivity built-in thermal detector provides you with a clear view even in total darkness. The monocular is mainly applied to scenarios such as hunting, hiking, searching and rescuing, etc.

### Key Feature

- $256 \times 192$  resolution,  $12 \mu\text{m}$ , high sensitivity detector
- NETD less than  $35 \text{ mK}$  ( $@25^\circ\text{C}$ ,  $F\# = 1.0$ )
- Adaptive AGC, DDE, 3D DNR
- $800 \times 600$  resolution 0.32-inch OLED display
- Built-in rechargeable lithium battery
- Up to 8 hours continuous running
- Support hotspot

# Specification

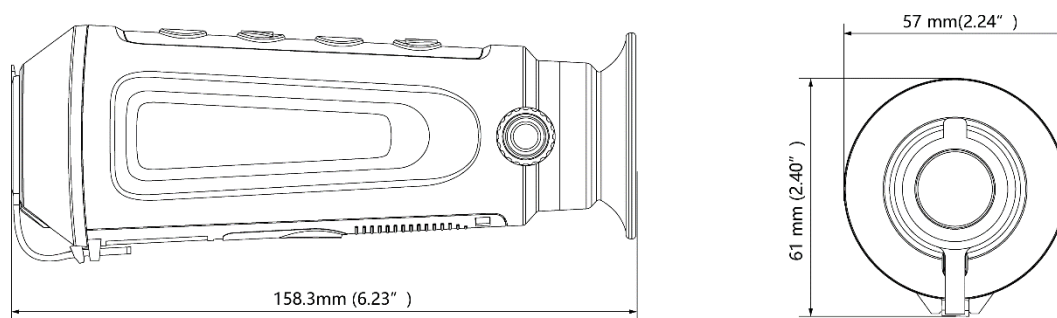
| Thermal Module                              |                                                                                                                             |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                                | VOx Uncooled Focal Plane Arrays                                                                                             |
| Max. Resolution                             | 256 × 192                                                                                                                   |
| 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)                         | 9.7 mm, F1.0                                                                                                                |
| Focus Mode                                  | Focus Free                                                                                                                  |
| Detection Range                             | 500 m                                                                                                                       |
| Min. Focusing Distance                      | 4 m                                                                                                                         |
| Magnification                               | 1.5× to 12.0× (8×)                                                                                                          |
| Field of View(H × V),<br>Degrees / m @100 m | 18.0° × 13.6° / 31.7 m × 23.8 m                                                                                             |
| Image Display                               |                                                                                                                             |
| Display                                     | 800 × 600, 0.32-inch, OLED                                                                                                  |
| Palettes                                    | Black Hot, White Hot, Red Hot, Fusion                                                                                       |
| FFC (Flat Field Correction)<br>Mode         | Auto, Manual, External Correction                                                                                           |
| Exit Pupil                                  | 20 mm                                                                                                                       |
| Eye Relief                                  | 6 mm                                                                                                                        |
| Diopter (Range)                             | -5D to +4D                                                                                                                  |
| Brightness Adjustment                       | Yes                                                                                                                         |
| Tone Adjustment                             | Cold, Warm                                                                                                                  |
| Contrast Adjustment                         | Yes                                                                                                                         |
| System                                      |                                                                                                                             |
| Record Video                                | Yes                                                                                                                         |
| Capture Snapshot                            | Yes                                                                                                                         |
| Audio Recording                             | Yes                                                                                                                         |
| Standby Mode                                | Yes                                                                                                                         |
| Storage                                     | Built-in memory module (8 GB)                                                                                               |
| PIP                                         | Yes                                                                                                                         |
| Hotspot                                     | Yes                                                                                                                         |
| Hot Track                                   | Yes                                                                                                                         |
| Distance Measurement                        | Yes                                                                                                                         |
| Power Supply                                |                                                                                                                             |
| Battery Type                                | Rechargeable Lithium Battery                                                                                                |
| Battery Operating Time                      | 8 hours continuous running with hotspot function off (@25°C)<br>6 hours continuous running with hotspot function on (@25°C) |

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Type-C Power Supply | DC 5 V/2 A<br>Supports External Power Supply     |
| <b>General</b>      |                                                  |
| Protection Level    | IP67                                             |
| Dimension           | 158.3 mm × 61 mm × 57 mm (6.23" × 2.40" × 2.24") |
| Working Temperature | - 20°C to 55°C (-4°F to 131°F)                   |
| Weight              | 260 g (0.57 lbs)                                 |

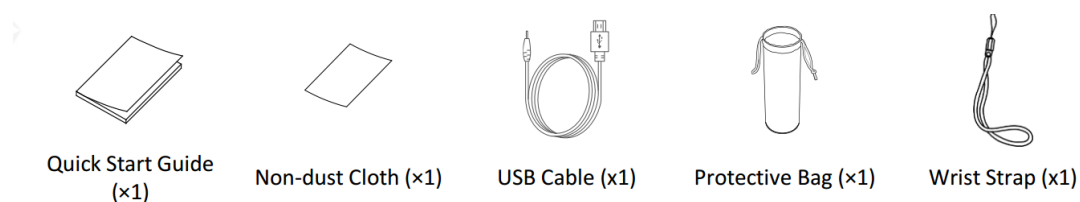
## • Available Model

HM-TS02-10S1G/W-LE10S

## • Dimension



## • Accessories



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