

# LE15 3.0

## Thermal Monocular



Compact yet powerful, the LE15 3.0 combines a 256×192 thermal detector with a 15 mm F1.0 lens to deliver a 2.2× base magnification and an 11.7° field of view. With its proven shutterless technology and a detection range of up to 750 m, this monocular is an excellent entry-level device for outdoor enthusiasts looking for reliable performance.

### ● Key Feature

- High-sensitivity thermal module with NETD<20 mK (@25°C, F# = 1.0).
- 15mm, F1.0 lens with thermal detection range up to 750 m
- AI-powered Image Pro 3.0 algorithm
- HIKMICRO Shutterless Imaging System (HSIS)
- 0.39-inch OLED display with 1024×768 resolution
- Replaceable and rechargeable 18650 battery provides up to 5.5 hours of continuous operation at -20°C
- Lightweight design at 296.5 g, with a pocket-sized build

## • Specification

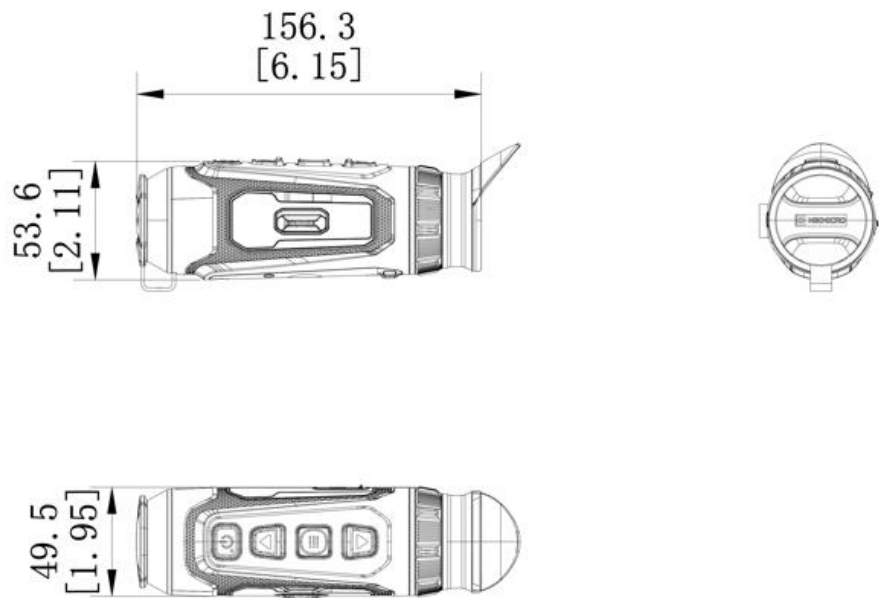
| Thermal Module                           |                                                                         |
|------------------------------------------|-------------------------------------------------------------------------|
| Image Sensor                             | VOx Uncooled Focal Plane Arrays                                         |
| Max. Resolution                          | 256×192                                                                 |
| Frame Rate                               | 50 Hz                                                                   |
| Pixel Interval                           | 12 μm                                                                   |
| Response Waveband                        | 8 μm to 14 μm                                                           |
| NETD                                     | Less than 20 mK (@25°C),F#=1.0                                          |
| Lens (Focal Length)                      | 15 mm, f1.0                                                             |
| Focus Mode                               | Focus Free                                                              |
| Detection Range                          | 750 m                                                                   |
| Min. Focusing Distance                   | 7 m                                                                     |
| Magnification                            | 2.2× - 17.6× (8×)                                                       |
| Field of View(H × V), Degrees / m @100m  | 11.7°×8.8°/20.5 m×15.4 m                                                |
| Image Display                            |                                                                         |
| Display                                  | 1024×768, 0.39-inch, AMOLED                                             |
| Palettes                                 | Black Hot, White Hot, Red Hot, Fusion, Red Monochrome, Green Monochrome |
| Exit Pupil                               | 6 mm                                                                    |
| Eye Relief                               | 20 mm                                                                   |
| Diopter (Range)                          | -5D to +3D                                                              |
| Brightness Adjustment                    | Yes                                                                     |
| Tone Adjustment                          | Cold, Warm                                                              |
| Contrast Adjustment                      | Yes                                                                     |
| Zoom Pro                                 | N/A                                                                     |
| HSIS (HIKMICRO Shutterless Image System) | Yes                                                                     |
| Image Pro 3.0                            | Yes                                                                     |
| Sync Pro                                 | Yes                                                                     |
| System                                   |                                                                         |
| Record Video                             | Yes                                                                     |
| Capture Snapshot                         | Yes                                                                     |
| Audio Recording                          | Yes                                                                     |
| Standby Mode                             | Yes                                                                     |
| Built-in Memory                          | Built-in EMMC (64 GB)                                                   |
| PIP                                      | Yes                                                                     |
| Hotspot                                  | 2.4 GHz/5 GHz Wi-Fi Waveband                                            |
| Hot Track                                | Yes                                                                     |
| Distance Measurement                     | Yes                                                                     |
| Local Album                              | Yes                                                                     |

| Power Supply           |                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------|
| Battery Type           | Replaceable and Rechargeable Li-ion 18650 Battery                                                         |
| Battery Operating Time | 6-hour continuous running with hotspot on (@25°C)<br>5.5-hour continuous running with hotspot on (@-20°C) |
| Type-C Power Supply    | DC 5V/2A<br>Supports External Power Supply, Support Direct Charging                                       |
| General                |                                                                                                           |
| Protection Level       | IP67                                                                                                      |
| Dimension              | 156.3×53.6×49.5 mm                                                                                        |
| Weight                 | 296.5 g with battery                                                                                      |
| Working Temperature    | From -30°C to 45°C (-22°F to 113°F);<br>Humidity: 90% or Less                                             |

▪ **Available Model**

HM-TSF2-15Y1G/W1-LE15 3.0

▪ **Dimension**



Unit:mm [Inch]

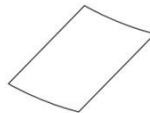
## ▪ Accessories



Battery Charger (×1)



Battery (×2)



Lint-Free Cloth (×1)



Type-C Cable (×1)



Quick Start Guide(×1)

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