

The NE series combines advanced thermal imaging and digital multi-spectrum capabilities with a precise laser rangefinder. Designed for superior observation in darkness or no-light conditions, it enables clear viewing across multiple wavelengths, ensuring detailed and accurate target acquisition.

NE

- Shutterless
- Real-Time Noise Reduction
- Multiple Pseudo-Colors
- Hot Target Tracking
- Image Fusion
- Visible Light
- Quick Response
- Wireless Image Transmission
- Digital Compass
- Picture-in-Picture
- Reticle
- Laser Ranging



Effective Range



Handheld Thermal Imaging Binocular

Specifications

| Specification | Infrared | Visible Light |
|---------------------------------|-------------------------------|-----------------|
| Resolution, pixels | 640×512 /12μm | 2592×1944/2.0μm |
| Optical Specifications | | |
| Objective Lens | 55mm F1.0 | 25mm F1.8 |
| Field of View | 7.94° ×6.37° | 11.8° ×8.9° |
| Frame Rate, Hz | 25HZ | 30HZ |
| Identification Range (Human) | 650m | 900m |
| Recognition Range (Human) | 1300m | 1800m |
| Detection Range(Human) | 5200m | 7100m |
| Eyepiece Diopter | -5~+5 | |
| Laser Rangefinder | | |
| Wavelength | 1535nm | |
| Max Measuring Range | Human/2300m | Car/5000m |
| Measuring Accuracy | ±0.5m~±2m | |
| Positioning Specifications | | |
| Positioning | GPS & BeiDou Dual Positioning | |
| Horizontal Positioning Accuracy | 2.5m | |
| Electronic Compass | √ | |
| Device Information | | |
| Display | 0.39" OLED 1024x768 | |
| NETD | ≤ 50mk@300K | |
| Observation Mode | Binocular | |
| Eye Relief | 30mm | |
| Standby Time | ≥ 6h | |
| Waterproof | IP67 | |
| Memory | 64G | |
| Wi-Fi Transmission | WIFI | |
| Power Source | Four 18650 Li-ion Batteries | |
| Interface | Type -C/HDMI | |
| Weight (Without Battery) | ≤ 1350g | |
| Dimensions | 229×190×82mm | |
| Operating Temperature | -25° ~+55° | |
| Storage Temperature | -55° ~+70° | |