

AYA TS100

MULTIFUNCTIONAL THERMAL MONOCULAR





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Usage Areas

- Day/Night Surveillance
- Optimized for Multiple Usage Modes
- Handheld, Weapon Mounted and Helmet-Mounted Usability
- Situational Awareness
- Search and Rescue

Key Features

- Automatic Image Calibration
- High Resolution and Color OLED
- Different Color Palette Options
- Automatic Display Mode
- Diopter Adjustment
- Athermalized Fixed Focus
- User Friendly Easy Menu
- Wi-Fi
- Internal Infrared Laser Pointer
- Compatible MIL-STD-810G
- Image and Video Recording
- Media Gallery

Standard Accessories

- Eye Cup
- Lens Cover
- Battery (18500 Li-on)
- Carrying Case
- Optical Cleaning Kit
- Battery Charger

Optional Accessories

- Helmet Mount Adapter

Technical Specifications

- | | |
|-----------------------------|---|
| • Detector | : 320x240 12 μ m Uncooled Micro-Bolometer |
| • Field of View | : 12.2° x 9.2° ($\pm 10\%$) |
| • Electronic Magnification | : Up to 4X (Continuous) |
| • Screen | : 1024 x 768 Resolution and Color OLED |
| • Reticle | : Laser Target Pointer |
| • Diopter | : -6 / +2 |
| • IR Pointer | : Internal 830 \pm 20 nm |
| • Battery | : 1 X Li-on Re-chargeable (Li-on 18500) |
| • Continuous Operation Time | : \leq 4 hours |
| • Dimensions | : 120mm x 60mm x 60mm |
| • Weight | : \leq 290 g |

Environmental Conditions

- | | |
|-------------------------|-----------------|
| • Operation Temperature | : -20°C / +50°C |
| • Storage Temperature | : -40°C / +65°C |
| • Immersion | : 1m / 30 min. |

