

CETVEL-100

EYE SAFE LASER RANGE FINDER

EYE SAFE OPERATION

LIGHTWEIGHT AND COMPACT DESIGN

AZIMUTH & ELEVATION CALCULATION

ERGONOMIC AND RUGGED DESIGN





CETVEL-100

EYE SAFE LASER RANGE FINDER

Applications

- Mobile Surveillance & Reconnaissance
- Range Finding

Main Features

- Eye Safe
- Handheld Operation
- Azimuth & Elevation Calculation
- Easy Battery Change
- Adjustable Target Masking
- Monocular (NOVA A100) Night Vision Connection Interface
- Wireless Communication (Bluetooth)
- Communication with Kestrel 5700 Device

Standard Accessories

- CR123A Battery
- Optical Cleaning Kit
- Carrying Case
- Monocular (NOVA A100) Night Vision Connection Mount

Environmental Conditions

- Operating Temperature : -32°C / +50°C
- Storage Temperature : -40°C / +70°C
- Environmental Spec : MIL-STD- 810G

Technical Specifications

- Laser Wavelength : 1550±50 nm
- Measurement Time : < 2sn
- Range (*) : 50m – 5000m
- Resolution / Accuracy : 2.5m / ±5m (1σ)
- Field of View : ≥ 5.84°
- Optical Zoom : ≥ 5.84x
- Azimuth Angle Accuracy : ≤ 1° RMS
- Elevation Angle Accuracy : ≤ 1° RMS
- Power Supply : CR123A Battery
- Operations : > 2500 range finding with one battery
- Dimensions : 15x10x6 cm (±%10)
- Weight (**) : ≤ 550g
- Eye Safety Class : Class 1, ANSI-Z136.1-2014

*Subject to atmospheric conditions and target characteristics

** Excluding battery and accessories.