

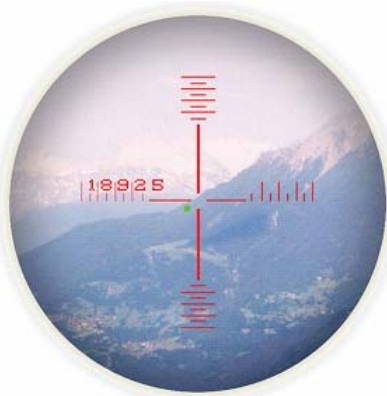
Long Range Bi-ocular Laser Range Finder

Application:

- Distance measurement
- Sea, river navigation
- Ground / maritime surveillance & targeting

Long Range Bi-LRF is a professional bi-ocular laser rangefinder designed for surface/terrain surveillance, target observation and distance measurement up to 20 km. This rangefinder employs proven time-of-flight delay algorithm to ensure the highest accuracy and a single strong impulse to minimise exposure time. With an optional angular mount it can also measure horizontal angles and magnetic azimuth, and vertical angles. Result of distance measurement is displayed through the eyepiece and can be transferred for processing via computer output. Unit has a remote control button.

This robust rangefinder can benefit geological and engineering surveying, construction and repair works, maritime navigation, meteorology and other activities that require accurate long range distance measuring.



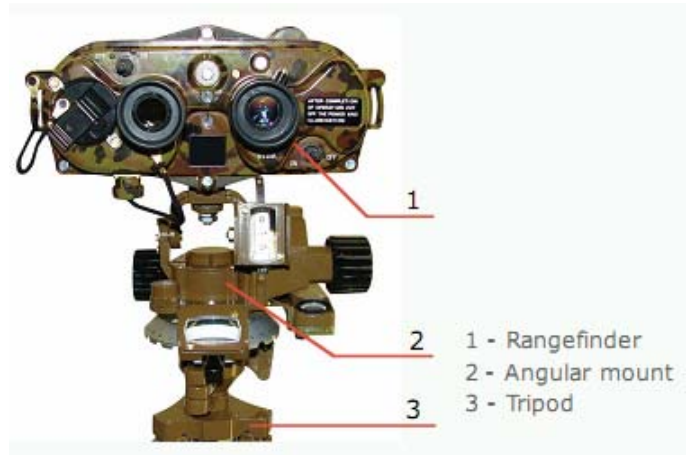
Features:

- Distance measurement up to 20 km
- First or last target selection
- Illumination for dark conditions
- Parallel port

SAE SYSTEMS

Specifications:

Magnification 7x
Field of view 6.7°
Laser wavelength 1060 nm
Range Finder Distance measurement range
145-20,000 m
Range measurement accuracy ± 10 m
Dioptre correction, visual channel ± 5
Dioptre correction, LED display -0.6 ... -1.5
Pulse power 15 mJ
Minimum eye safe distance 2,000 m
Pulse width 6 ns
Beam divergence 0.6 mrad
Bidirectional communication V
Environmental Operating temperature range -
40°C ... +55°C



Miscellaneous:

Power supply 12-14.5V DC
or 22-29V DC
Dimensions 225x215x110
mm
Weight, rangefinder only
2.5 kg
Weight with case and
accessories 17 kg

Accessories:

Framed lens
Eye shield
Coordinate converter
Cables
Rechargeable battery
Software
Special tools and spare
parts
Tripod (optional)
Angular mount (optional)