



LRF-ITA

Laser Range Finder Integrated for Target Acquisition

Laser Range Finder

- MIL-SPEC, eye safe laser rangefinder with 25km max target range
- 7 x Magnification, 42mm objective lenses, built in GPS, MGRS and 3-x digital compass
- LED lit display
- Built in data storage, tripod mountable

Standard Accessories

- Soft carrying case
- 1x 6V Lithium 2CR5 Battery
- RS 232 and USB cable
- LRF Smart Cable
- Eyepiece cover
- Lens cleaning Pen, Software
- Hard Case
- Operation manual

Tripod

- Tripod fully integrated with pan and tilt for maximised SWaP
- Independent axis braking and fine adjust action
- Ergonomic design
- Quick release payload interface
- Weight of 1.25kg (2.75lbs)
- Elevation range of $\pm 45^\circ$ (800mil)
- Levelling to $\pm 0.056^\circ$
- Simple and user friendly
- Aluminium / Carbon Construction

Optional Accessories

- Anti-Reflective Filter
- Objective lens flip up cover
- Rechargeable lithium 6V 2CR5 battery and charger

Optics	
Magnification (x)	7
Objective lens diameter (mm)	42
Field of view (°)	6
Eye relief (mm)	20
Diopter adjustment range	±5
Interpupillary distance (mm)	58 - 72
Rangefinder	
Eye safety	Class 1, eye-safe
Wavelength (nm)	1550
Measuring range capability (m)	10 - 25,000
Measuring distance range (m)	10 - 12,000
Distance measurement accuracy (m)	±1
Azimuth measurement accuracy (°)	±1
Inclination measurement accuracy (°)	±0.5
Speed detection	Yes
First/last target logic	Yes
Gating capability	Yes
Gating step (m)	≥100
Scan mode	Yes
Peripheral compatibility	PLGR, Bal Comp, PC, Android™, BT (Optional)
Distance between objects	Yes
Horizontal distance between objects	Yes
Azimuth difference between objects	Yes
Inclination difference between two objects	Yes
Height difference between objects	Yes
User GPS coordinates	Yes
Target GPS coordinates	Yes

Display	
Meters/yards display	Yes
Computer output, type	RS-232, USB, NMEA
Last 10 readings recall	Yes
Reticle pattern selection	Yes
Low battery indicator	Yes
Mechanics, Electronics & Environmental	
Dimensions (mm)	210x178x85
Weight without batteries (g)	1,580
Tripod mountable	Yes
Power Supply	2CR5 non-magnetic
Battery life (# of measurements)	5,000
Operating temperature range (°C)	-40 to +60
Storage temperature range (°C)	-40 to +60
Waterproofing	MIL-STD-810G



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