

# LASER RANGE FINDERS

## LONG RANGE LASER RANGEFINDERS LRB 20 000

The unit is a military specs bi-ocular intended for ground surveillance, observation of individual targets and measurement of distances up to 20 km. The range finder with the optional angular mount is designed for referencing target's coordinates, and is capable of:

- Measuring the distance to the target;
- Measuring horizontal angles and magnetic azimuths;
- Measuring vertical angles and angles of elevation;
- Determination of target and landmark polar coordinates;
- Polar-to-rectangular target coordinate conversion.

In addition to military purposes, the range finder is useful for many civilian applications: for geological and engineering surveying, repair works, maritime navigation, meteorology, tourism and more.



1 - RANGEFINDER;  
2 - ANGULAR INSTRUMENT  
3 - TRIPOD



BACK VIEW



SPECIFICATIONS:	LRB 20000
Magnification, x	7
Field of View, degrees	7
Range, m	100-20,000
Range Accuracy, m	± 5
Dioptric Correction, Visual channel, D	± 5
Dioptric Correction, Data channel, D	-0.6 ... -1.5
Laser Wavelength, nM	1.06
Output Energy, mJ	15
Minimum eye safe distance, m	2,000
Pulse width, nS	6
Beam Divergence, mrad	0.6
Power supply, V DC	12-14.5 or 22-29
User Displayed Information	Yes
- The determined range is displayed to the operator through the eyepiece	
Data Exported	Yes
- The device has capability of the range information digital outputting	
Size - easily fits in a standard backpack, mm	225x215x110
Weight net, kg	2.5
Weight, gross, with case and accessories, kg	17
Operational Temperature, °C	-40 ... +55

### FEATURES:

- \* Up to 20 km distance
- \* First or last target selection
- \* Illumination for dark conditions
- \* Digital data output

### ACCESSORIES:

- \* Tripod (optional)
- \* Angular mount (optional)
- \* Rechargeable battery 10D-0,55c-1
- \* Fuse link VP1-1 1,0 A 250 V
- \* Sealing ring
- \* Framed lens
- \* Membrane
- \* Eye shield
- \* Diaphragm
- \* Wrench
- \* Lens brush
- \* Coordinate converter
- \* Cables
- \* Computer floppy disk or CD



For more Info & Price Quote, Please Contact:

**MDI-Canada**

21 Deepglade Cr. Toronto, ON. M2J 1B3, Canada  
Email: [sales@mdicanada.ca](mailto:sales@mdicanada.ca), [mdicanada@rogers.com](mailto:mdicanada@rogers.com)  
Website: [www.mdicanada.ca](http://www.mdicanada.ca)