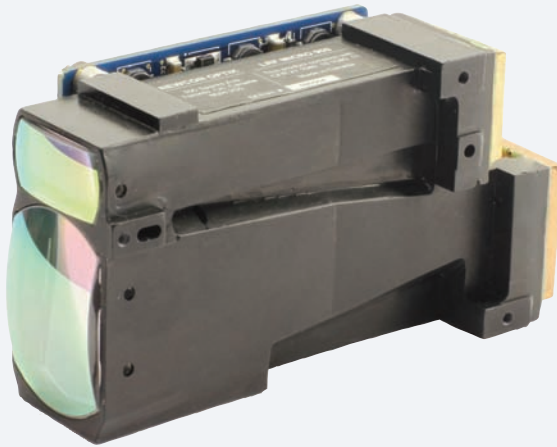


LRF MICRO CI

LASER RANGEFINDER



Designed for OEM integration, Newcon Optik's LRF MICRO CI laser rangefinder module provides accurate measurements for fire control systems, industrial machinery, border surveillance stations, weapon mounted systems and countless other applications. The MICRO CI unit is barely larger than a deck of cards. The LRF MICRO CI is one of four members of the MICRO family (MICRO, MICRO 1550, MICRO 1550 CI)

The unit range capability stretches out to 5.500m (2,000 to NATO target). The MICRO CI utilizes a 1550nm laser that cannot be seen by image intensified night vision systems, making it ideal for defense applications. The module supports the USB interface. Other features include gating capability, fast scan mode, speed measurement, and object selection among others.

Rangefinder	LRF MICRO CI
Eye safety	Class 1, eye-safe
Wavelength (nm)	905
Specific measurement range, (m):	
Vehicle size NATO target, 2.3 x 2.3, albedo 0.3	2,000
Human size NATO target, 1.0 x 1.0, albedo 0.1	1,000
Conditions: Visibility ≥ 14 km	
Distance measurement accuracy (m)	± 1
Azimuth measurement accuracy ($^{\circ}$)	± 1
Inclination measurement accuracy ($^{\circ}$)	± 1
Speed detection	✓
Measuring time, distance (seconds)	0.1
Simultaneously detected targets	Multiple
First/last target logic	✓
Gating capability	✓
Gating step (m)	100
Mechanics, Electronics & Environmental	
Dimensions without compass (mm)	88x48x30
Weight (g)	120 (CI)
Interface	UART, USB
Power source	5 - 15V DC
Operating temperature range ($^{\circ}$ C)	-40 to +50
Storage temperature range ($^{\circ}$ C)	-40 to +60

LRF MICRO CI LASER RANGEFINDER

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LASER RANGEFINDER



DELIVERY SET

Supplied with the following standard accessories:

- Communication/power cable
- LRF communication protocol documentation
- Operation manual
- Hard transport case

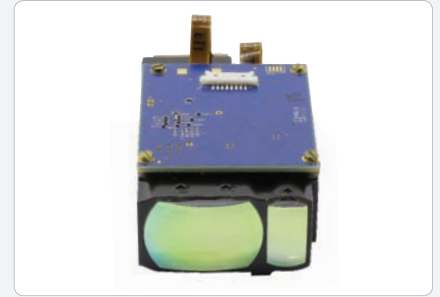
ACCESSORIES



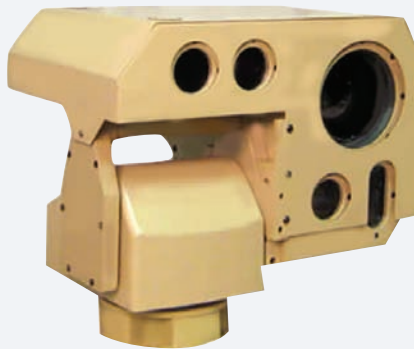
Delivery Set



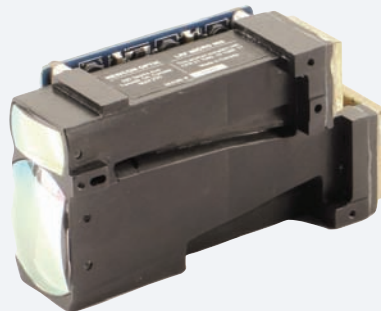
Back View



Rear View



Typical use of LRF MICRO (1550) CI
Image courtesy of IEC infrared systems



Canadian Loonie shown for comparison

LRF MICRO CI LASER RANGEFINDER