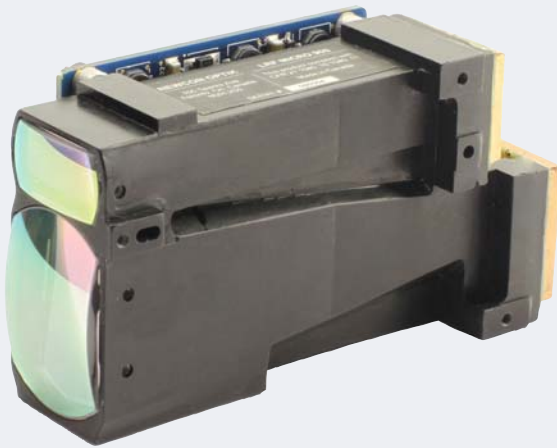


LRF MICRO

LASER RANGEFINDER OEM MODULE



Designed for OEM integration, Newcon Optik's LRF MICRO laser rangefinder module provides accurate measurements for fire-control systems, industrial machinery, border surveillance stations, weapon-mounted systems and countless other applications. The unit range capability stretches out to 5.500m (2,000 to NATO target). The LRF Micro is one of four members of the MICRO family (MICRO CI, MICRO 1550, MICRO 1550 CI).

The MICRO series supports the USB interface. Other features include gating capability, fast scan mode, speed measurement, and object selection among others.

Rangefinder	LRF MICRO
Eye safety	Class 1, eye-safe
Wavelength (nm)	905
Distance measurement range capability, maximum (m)*	5,500
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 \geq 15km	
Distance measurement accuracy (m)	\pm 1
Beam divergence (mrad)	3.2x0.8
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 (LxWxH, mm)	88x48x30
Weight (g)	107
Interface	UART, USB
Power source	5 - 15V DC
Operating temperature range (°C)	-40 to +50
Storage temperature range (°C)	-40 to +60

*Capability range describes maximum counting range for the device and it can be achieved for high reflective targets only.
Example: 2.3m x 2.3m, albedo 0.9

LRF MICRO LASER RANGEFINDER

LRF MICRO

LASER RANGEFINDER OEM MODULE



DELIVERY SET

Supplied with the following standard accessories:

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

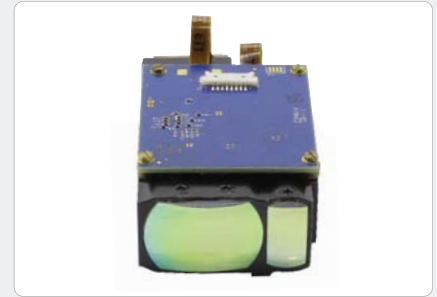
ACCESSORIES



Delivery Set



Back View



Rear View



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



Canadian Loonie shown for comparison