LRF MOD 4EC

MEDIUM TO LONG RANGE LASER RANGEFINDER OEM MODULE

The LRF MOD 4EC was designed specifically for remotely operated small platforms. In addition to its outstanding functionality, this new module can be attached to Mini-Typhoon, CLAWS and other systems with a quick release mount. The unit is designed to endure the harsh operating conditions of the real world. It can withstand high vibration, a wide temperature range, dust, rain and RF jammers. The LRF MOD 4EC provides distance, speed, azimuth and elevation measurements. Other features include gating, fast scan and target selection.

The unit can be integrated with other systems and communicate via RS-232. In designing this module for precision target acquisition, special attention was given to the ability to boresight the unit with a pre-designed optical platform. A removable visual eyepiece and a video camera attachment are provided to enable quick boresighting and visual integration with other observation systems.

Rangefinder	**LRF MOD 4EC**
Eye safety	Class 1, eye-safe
Wavelength (nm)	905
Distance measurement range, (m)*	10 - 4,000
Distance measurement accuracy (m)	±1
Azimuth measurement accuracy (°/mils)	±1 / 17
Inclination measurement accuracy (°/mils)	±1 / 17
Speed detection	Yes
Measuring time, distance (seconds)	0.5
Simultaneously detected targets	Multiple
First/last target logic	Yes
Gating capability	Yes
Gating step (m)	100
Mechanics, Electronics & Environmental	
Dimensions (mm)	230x210x95
Weight (g)	2,600
Interface	RS-232
Power source	9V DC
Operating temperature range (°C)	-25 to +50
Storage temperature range (°C)	-45 to +65
Waterproofing	IP67

*2.3x2.3m NATO standard target

105 Sparks Avenue Toronto, Ontario Canada M2H 2S5
newconsales@newcon-optik.com
Tel: +1 (416) 663-6963 Fax: +1 (416) 663-9065

LRF MOD 4EC

MEDIUM TO LONG
RANGE LASER RANGEFINDER OEM MODULE

DELIVERY SET

Supplied with the following standard accessories:

- RS-232 cable
- CCD camera
- Removable eyepiece
- Hard transport case
- LRF communication protocol documentation
- CD with software
- Operation manual

ACCESSORIES

Optional LRF Bluetooth Adapter

Optional LRF GPS Cable

Delivery Set including Hard Case

Typical use of LRF MOD 4EC
Image courtesy of *ELDOR* systems

105 Sparks Avenue Toronto, Ontario Canada M2H 2S5
newconsales@newcon-optik.com
Tel: +1 (416) 663-6963 Fax: +1 (416) 663-9065