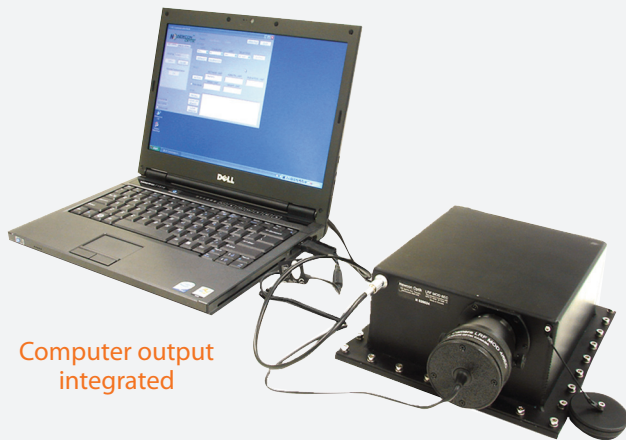




Front View



Computer output integrated

LRF MOD 4EC / LRF MOD 6EC

The new MOD 4EC and MOD 6EC were designed specifically for remotely operated small platforms. In addition to their outstanding functionality, these new modules 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.

The unit can withstand high vibration, a wide temperature range, dust, rain and RF jammers. MOD 4EC/6EC provides distance, speed, azimuth and elevation measurements. Other features include gating, fast scan and target selection.

Both units can be integrated with other systems and communicate via RS-232. In designing the LRF Modules for precision target acquisition, special attention was given to the ability to boresight the unit with an existing system. A removable visual eyepiece and a video camera attachment are provided to enable quick boresight and visual integration with other observation systems.



Delivery Set

Specifications

	MOD 4EC	MOD 6EC
Model	MOD 4EC	MOD 6EC
Laser type	905 nm, eye-safe	905 nm, eye-safe
Beam divergence	1.0 mrad	1.0 mrad
Measurement range*	10 - 4,000 m	1- 6,000 m
Distance measurement accuracy	±1 m	±1 m
Azimuth measurement range	6,400 mils / 360°	6,400 mils / 360°
Elevation measurement range	±60°	±60°
Azimuth measurement accuracy	±1°	±1°
Elevation measurement accuracy	±1°	±1°
Distance resolution	1 m / (0.1)**	1 m / (0.1)**
Measurement time	0.5 s	0.5 s
Beam divergence	1 mrad	1 mrad

Environmental

Operating temperature range	-40°C ... +50°C	-40°C ... +50°C
Storage temperature range	-45°C ... +65°C	-45°C ... +65°C
Environmental protection	Shockproof	Shockproof
Waterproof	IP 66 / IP 67 (optional)	IP 66 / IP 67 (optional)

Mechanical

Power source	9V DC	9V DC
Dimensions	230x210x95 mm	230x210x95 mm
Weight	2.6 kg	2.6 kg

*Target: NATO target, 2.3m x 2.3m, albedo 0.3, visibility over 20km.

** Optional PC output only