

LRF MOD 4EC / LRF MOD 6EC

The new MOD 4EC and MOD 6EC were designed specifically for remotely operated small platforms. In addition to the outstanding functionality, these new modules can be attached to Mini-Typhoon, CLAWS and others systems with a quick release mount. The unit is designed to endure the harsh operating conditions of a real world.

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

Both units can be intergated with other systems and communicate via RS232. In designing the LRF Modules for precision target acquisition, special attention was given to the ability to boresight the unit with existing system. Provided removable visual eyepiece and a video camera attachment are provided to enable quick boresight and visual integration with other observation systems.



Front View



Delivered Set



Computer output integrated

Specifications

	MOD 4EC	MOD 6EC
Model	MOD 4EC	MOD 6EC
Laser type	905 nm, eye-safe	905 nm, eye-safe
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	1 m / (0.1*)
Measurement time	0.5 s	0.5 s
Beam divergence	1 mrad	1 mrad
Power source	9V DC	9V DC
Environmental protection	Shockproof	Shockproof
Waterproof	IP 66 / IP 67 (optional)	IP 66 / IP 67 (optional)
Dimensions	230x210x95 mm	230x210x95 mm
Weight	2.6 kg	2.6 kg

* Optional PC output only