

MODULAR LRF-1200



Featured with compact size, light weight and high reliability at high and low temperature environment, MODULAR LRF-1200 Laser Range Finder is an ideal choice for portable equipment, as well as easy for integration into vehicle-borne and UAV-borne electro-optical system.

It utilizing 1.54 μ m wavelength eye-safe laser, with long life time, low power consumption. Able to provide customized solution as per your request.

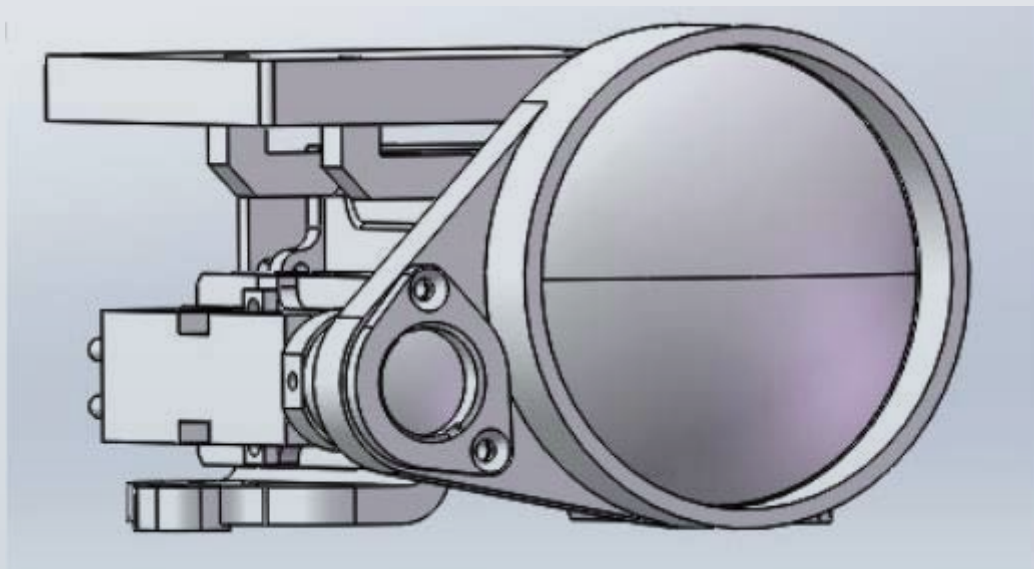
APPLICATION

- Electro-optical pod system
- Survey mapping
- Security and police
- Marine navigation
- Hydrologic survey
- Target capture

FEATURES

- Eye-safe wavelength
- Ranging multi-targets
- Strong anti-jamming
- Single-ranging and continuous ranging
- Light weight and compact size for integration
- Low power consumption

MECHANICAL DRAWING



MODULAR LRF-1200



Technical Specifications	MODULAR LRF-1200	Remark
Wavelength		
Measurement Range	20-5000m (1.8m×0.5m human)	Visibility ≥10km
	20-8000m (2.3 m×2.3m)	Visibility ≥15km
	20-20000m (4.0 m×6.0m)	Visibility ≥20km Test temperature: 30°, target reflectivity≥30%, humidity ≤50%
Measurement accuracy	±2m (RMS)	
Repeat frequency	0.5Hz-10Hz	Programmable
Measurement probability	≥98%	
Reliability	(MNBF) ≥1×10 ⁶	
Beam angle	0.4 mrad	optional
Receiving aperture	40mm	
Communication mode	RS422	Optional
Input voltage	DC12V	5V/12V optional
Power consumption	<2W	
Dimension	64mm×42mm×80mm	
Operating temperature	-40°~+55°	
Storage temperature	-55°~+70°	
Weight	≤135g	