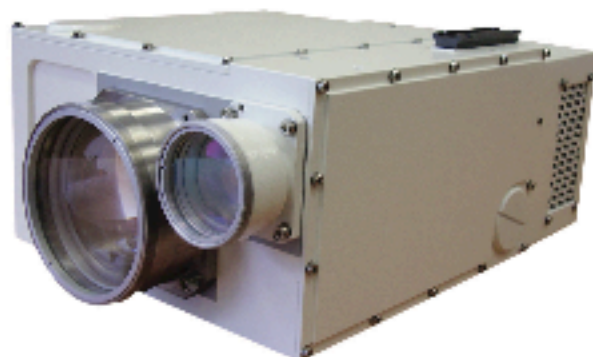


High frequency Laser Rangefinder Modules. These laser range finding modules enable highly accurate range acquisition of low reflection targets at ranges of up to 20 kilometers.

The modules may be effectively used in aircraft surveillance, including UAV countermeasures; artillery and missile fire control; long-range reconnaissance; naval and coast guard patrol; other similar military and paramilitary tasks. A liquid cooling system, built into the HFLC model enables higher frequency data acquisition. HF model utilizes air cooling only.



LRF MOD 25HF



LRF MOD 25HFLC

Specifications

Model	MOD 25HF	MOD 25HFLC
Laser Type	YAG	YAG
Wavelength	1.57 mkm or 1.06 mkm	1.57 mkm or 1.06 mkm
Pulse repetition rate	up to 5 Hz	up to 12.5 Hz (15 Hz optional)
Pulse energy, @1.57 mkm / @1.06 mkm	15...25 mJ / 80...100 mJ	20...35 mJ / 100...140 mJ
Specified measurement distance ¹	17,000 m	20,000 m
Maximum measurement distance	30,000 m	30,000 m
Accuracy	±1	±1
Target discrimination range	15 m	15 m
Number of simultaneously detected targets	3	3
Gating capability	V	V
Interface	RS 422, RS 232	RS 422, RS 232
Receiving objective lens diameter	90 mm	90 mm
Laser beam divergence	0.7 mrad	0.7 mrad
Shock	10 g	10 g
Operating temperature range	-32...+55C	-32...+55C
Power source	22...30V DC	22...30V DC
Dimensions	145x200x290 mm	145x250x390 mm
Weight	8.6 kg	16 kg

¹ Target dimensions 1.5mx1.5m;
Target reflectivity for 1.57 nm not more than 0.3;
Atmospheric visibility above 25km;