



01 / CAPABILITY OVERVIEW

LRF-SI

LRF-SI Nd:YAG laser rangefinder



FIG 01 PRODUCT CONFIGURATION

200 m to 20000 m

RANGE

1.3 mrad

RECEIVER FIELD OF VIEW

+/-5 m

ACCURACY

**2 measured, 1
displayed**

TARGETS

01.1 / OVERVIEW

Nd:YAG laser rangefinder with 7x telescope measuring two targets to 20 km, with silicon avalanche photodiode detector and RS232 range data output.

TYPE

Observation device

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

LRF-SI / TECHNICAL EQUIPMENT

PERFORMANCE

Range	200 m to 20000 m
Blocked range	200 m to 3000 m
Receiver field of view	1.3 mrad
Range data output	RS232

INTERFACES AND OPERATION

Peak power	> 1 MW
Power supply	12 V NiCd internal battery; 24 VDC external
Autonomy	600 measurements at 25 deg C with internal battery

PHYSICAL DATA

Wavelength	1.064 um
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ADDITIONAL TECHNICAL DATA

Accuracy	+/-5 m
Targets	2 measured, 1 displayed
Laser type	Nd:YAG
Pulse repetition rate	0.5 Hz
Detector	Si avalanche photodiode
Telescope	7x magnification, 7 deg field of view



CONFIGURATION VIEWS

LRF-SI / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / laser aperture end

