



01 / CAPABILITY OVERVIEW

ES LRF-20/M

ES LRF-20/M laser rangefinder module



FIG 01 PRODUCT CONFIGURATION

267 g

WEIGHT

80 m to 20000 m

RANGE

22.3 m at 1.5x; 7.7 m at 4.5x

SCOPE FIELD OF VIEW AT 1000 M

One burst per minute, 20 pulses at 1 Hz

MEASURING FREQUENCY

01.1 / OVERVIEW

Eye-safe erbium glass laser rangefinder module measuring to 20 km, with integral rectification scope and RS232/RS422 interface for system integration.

TYPE

Rangefinder

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

ES LRF-20/M / TECHNICAL EQUIPMENT

PERFORMANCE

Range	80 m to 20000 m
Blocked range	80 m to 5000 m
Measuring frequency	One burst per minute, 20 pulses at 1 Hz
Scope field of view at 1000 m	22.3 m at 1.5x; 7.7 m at 4.5x

INTERFACES AND OPERATION

Operating temperature	-30 deg C to +50 deg C
Power supply	20-30 VDC, < 2.5 A

PHYSICAL DATA

Wavelength	1540 nm
Weight	267 g
Length	268 mm

ADDITIONAL TECHNICAL DATA

Accuracy	+/-5 m
Energy	<= 8 mJ
Beam divergence	<= 1 mrad
Connection	RS232 / RS422
Scope optical zoom	1.5x to 4.5x