



01 / CAPABILITY OVERVIEW

LRF-20ES

LRF-20ES laser rangefinder binocular



FIG 01 PRODUCT CONFIGURATION

50 to 20000 m

DISTANCE MEASURING RANGE

7x

SIGHT MAGNIFICATION

126 mils / 6.75 deg

SIGHT FIELD OF VIEW

Class 1 (IEC 60825), erbium glass

LASER TYPE

01.1 / OVERVIEW

Eye-safe erbium glass handheld rangefinder binocular measuring to 20 km by time-of-flight, with GPS receiver, digital magnetic compass and optical sight.

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

LRF-20ES / TECHNICAL EQUIPMENT

PERFORMANCE

Distance measuring range	50 to 20000 m
Sight magnification	7x
Sight field of view	126 mils / 6.75 deg

INTERFACES AND OPERATION

Data interface	RS232
Internal battery	Li-Ion (4.2 V, 1630 mA)

PHYSICAL DATA

Laser wavelength	1550 nm
------------------	---------

ADDITIONAL TECHNICAL DATA

Laser type	Class 1 (IEC 60825), erbium glass
Distance measuring accuracy	+/-2 m
Diopter adjustment	+/-5
Compass azimuth accuracy	+/-1.8 mils / +/-0.1 deg
Compass inclination accuracy	+/-5 mils / +/-0.3 deg
GPS channels	72
GPS position accuracy	2 m horizontal / 4 m vertical