



01 / CAPABILITY OVERVIEW

FOU-AEG 2

FOU-AEG 2 forward observation unit



FIG 01 PRODUCT CONFIGURATION

180-20000 m	>= 6 measurements/min	Nd:YAG	1064 nm
DISTANCE MEASURING RANGE	MEASURING DISTANCE FREQUENCY	LASER TYPE	LASER WAVELENGTH

01.1 / OVERVIEW

Forward observation unit with Nd:YAG rangefinder, optical day channel, thermal camera, GPS and digital compass for own and target position data.

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

FOU-AEG 2 / TECHNICAL EQUIPMENT

PERFORMANCE

Distance measuring range	180-20000 m
Measuring distance frequency	>= 6 measurements/min
Angle measuring range	0-6400 mils horizontal; +/-500 mils vertical

PHYSICAL DATA

Laser wavelength	1064 nm
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ADDITIONAL TECHNICAL DATA

Laser type	Nd:YAG
Laser energy	<= 15 mJ
Laser beam divergence	1.3 mrad
Distance measuring accuracy	+/-5 m
Daytime channel	Optical with reticle, 7x magnification
Thermal camera	Uncooled VOx, 640x512 pixels, digital zoom 8x/16x/32x/64x
Display	Digital TFT LCD, 3.5 in
Digital magnetic compass	North accuracy 0.45 deg (8 mils)
GPS position accuracy	2 m horizontal / 4 m vertical
Angle measuring accuracy	<= 1 mil