



01 / CAPABILITY OVERVIEW

AEG

AEG artillery electronic goniometer



FIG 01 PRODUCT CONFIGURATION

**21 kg (sensor head,
goniometer, power
supply, tripod)**

MASS

180-20000 m

DISTANCE MEASURING RANGE

**max 6
measurements/min**

MEASURING DISTANCE FREQUENCY

**7x magnification, 7 deg
field of view, +/-5 diopter
adjustment**

OPTICAL SIGHT

01.1 / OVERVIEW

Artillery observation set of sensor head, goniometer, power supply, tripod and rugged tablet, for target acquisition and fire mission data collection.

TYPE

Fire control & survey

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

AEG / TECHNICAL EQUIPMENT

PERFORMANCE

Distance measuring range	180-20000 m
Measuring distance frequency	max 6 measurements/min

INTERFACES AND OPERATION

Power supply	Li-ion 25.2 V 6.8 Ah; external 22-29 VDC
Operating temperature	-20 deg C to +55 deg C

PHYSICAL DATA

Laser wavelength	1064 nm
Mass	21 kg (sensor head, goniometer, power supply, tripod)

ADDITIONAL TECHNICAL DATA

Optical sight	7x magnification, 7 deg field of view, +/-5 diopter adjustment
Laser energy	15 mJ
Laser beam divergence	1.3 mrad
Distance measuring accuracy	+/-5 m (target 2.3x2.3 m, 30% reflectivity, visibility 20 km)
Digital magnetic compass	North accuracy 0.45 deg (8 mils); pitch and roll range +/-85 deg
Thermal camera	Uncooled LWIR 7.5-13.5 um, 640x512 pixels, 6.2 deg x 5 deg, 100 mm lens, 8x-64x digital zoom
Goniometer horizontal angles	0-6400 mils, accuracy 1 mil
Goniometer vertical angles	+/-500 mils, accuracy 1 mil



CONFIGURATION VIEWS

AEG / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / sight head detail

