



DUAL MULTI FUNCTION WEAPON
LOCATING RADAR

#Radar



aselsan



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ASELSAN's STR 400-G radar system has been designed by ASELSAN for the purpose of detecting and tracking mortar, artillery and rocket shells to determine the point of origin and the point of impact. With its AESA antenna, the radar covers the 360° in azimuth. In addition to the prior feature of detecting and tracking ballistic targets, STR 400-G can also make detection, tracking and classification of UAVs simultaneously.

STR 400-G has a very modular design, so that it can be used on a tripod, placed on a building or on a vehicle with an extendable mast.



Technical Specifications

- Operating Frequency: L Band
- Instrumented Range: 20 km
- Elevation Coverage: $\pm 45^\circ$
- Power: 24 VDC $\pm 10\%$

Environmental Conditions

- Compliance with Military Standards (MIL-STD-810 G, MIL-STD 461E)
- Operational Temperature: $-32^\circ\text{C}/+50^\circ\text{C}$
- Storage Temperature: $-40^\circ\text{C}/+60^\circ\text{C}$
- Working under Humidity, Sand and Dust Conditions
- Working under Shock and Vibration

General Specifications

- Active Electronic Scanning in Azimuth and Elevation
- Detection of Multiple Simultaneously Fired Mortars
- Detecting, Tracking and Classification of Ballistic Targets and UAVs Simultaneously
- Integration with Command and Control System
- Remote Control
- Navigation Support for Vehicle
- Elevation Masking Scanning
- User Defined Alarm and Friendly Zone
- User Defined Sectors
- Jamming Detection
- Presenting Target Points on the Map
- Modular Design
- Built in Test

Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.

