

aselsan

SERHAT-DUAL

COUNTER MORTAR RADAR



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ASELSAN's Counter Mortar Radar 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. The radar covers 360° in azimuth. In addition to prior feature of detecting and tracking ballistic targets, Counter Mortar Radar can also make detection, tracking and classification of UAV's simultaneously.

Counter Mortar Radar 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 : Up to 20 km
- Power : 24 VDC \pm %10

Environmental Conditions

- Compliance With Military Standards (MIL-STD-810 G, MIL-STD 461E)
- Operational Temperature: -32°C / +50°C

- Storage Temperature: -40°C / +60°C
- Working Under Humidity, Sand and Dust Conditions
- Working Under Shock and Vibration

General Specifications

- Electronic Scan in Azimuth and Elevation
- Detection of multiple simultaneously fired mortars
- Detecting, tracking and classification of ballistic targets and UAV's 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
- Presenting Target Points On The Map
- Modular Design
- Built In Test

