



ACAR
aselsan

100-G

FOLIAGE PENETRATION RADAR

#Radar



aselsan

FOLIAGE PENETRATION RADAR

ACAR 100-G is the second generation of a high-range and high-resolution mil-spec compliant foliage penetration radar, which is capable of detecting and tracking moving targets behind foliage.

ACAR 100-G Radar has a very high MTBF with its non-moving parts. It is a 2-dimensional radar which scans 360° azimuth simultaneously and measures target range, azimuth angle, velocity, heading angle and coordinates with high accuracy.

Applications

- Ground Surveillance
- Border Security
- Critical Facility Protection

General Features

- Multi-target detection and tracking
- Operating frequency : VHF / UHF
- Range : 7.5 km
- Azimuth coverage : 360 degrees
- Elevation coverage : 90 degrees
- Operation temperature: -32/+50 °C
- Weight : <40 kg
- Input Voltage : 28 VDC
- Power Consumption : < 200 W
- Range, azimuth angle, velocity, heading angle and coordinate

