

**aselsan**

# MAR-D

3D SURVEILLANCE RADAR



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MAR-D multi-beam 3D naval search radar, produced by ASELSAN, is a radar system capable of performing air and surface target detection & tracking from short to medium range.

It is a radar system that is modular, lightweight, and has lower power consumption thanks to its active phased array antenna structure and solid-state RF power amplifiers.

MAR-D radar, with its main features including high target data accuracy, 3D target detection & tracking, classification, sector scanning, is highly suitable for use on small naval platforms due to its lightweight and compact size.

### Technical Features

- X-band
- Solid State Transmit/Receive Modules
- Active Phased Array Antenna
- Integrated IFF Interrogator Antenna
- 100 km Instrumented Range
- 70° Elevation Coverage
- 15-30-60 RPM rotation rates
- 200 Track Capacity
- Electronic Stabilisation
- Extensive electronic counter-counter measures
- Sector blanking and blinking
- Jammer detection and tracking
- Surface Surveillance Video
- Surface Gunfire Support
- Air Cooled
- Above deck weight < 450 kg

