



4D SURVEILLANCE RADAR

#Radar



aselsan



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CENK 400-N is a 2 axis AESA naval radar system with GaN based solid-state transmit/receive modules, enabling electronic beams steering in both elevation and azimuth. Modern and innovative architecture of CENK 400-N incorporates advanced digital signal processing, pulse compression capability, simultaneous multiple target tracking, electronic beam stabilization, short response time, and advanced electronic protection techniques. It provides 4D track data (range, bearing, elevation, speed)

CENK 400-N stands out with its software/hardware architecture that can be rapidly adapted to meet evolving threats and operational needs. It provides precise target data for missile and gun engagements and high track update rates for prioritized targets. Additionally, CENK 400-N offers easy maintenance/repair capabilities and low life-cycle costs, making it a cost-effective solution.

Technical Specifications

- S-Band
- 400 km Instrumented Range
- Solid State Transmit/Receive Modules
- 2 Axis AESA
- Active Phased Array Antenna
- Integrated IFF Interrogator Antenna
- 70° Elevation Coverage
- 30 RPM Rotation Rate
- 1000 Track Capacity
- Electronic Stabilization
- Extensive Electronic Counter-Counter Measures
- Sector Blanking and Blinking
- Jammer Detection and Tracking
- Surface Surveillance Video
- Surface Gunfire Support
- Liquid Cooled
- Above Deck Weight <1750 kg
- MIL-STD Qualified



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