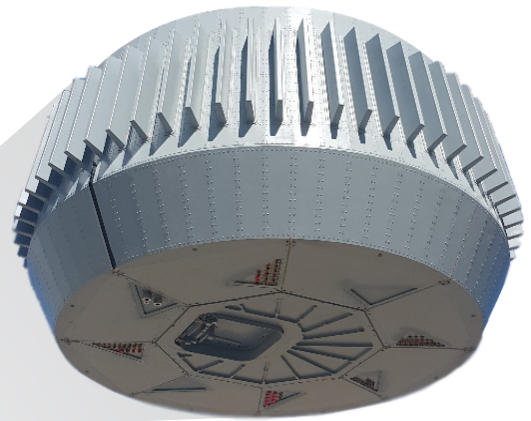


CENK

500-N, 600-N, 700-N SSR
MULTI-FUNCTIONAL RADAR
SYSTEMS SUITE

#Radar



aselsan

CENK

500-N, 600-N, 700-N SSR MULTI-FUNCTIONAL RADAR SYSTEMS SUITE

Multi-Functional Radar Systems Suite are GaN based, 2D AESA radar systems that combines innovative solutions with cutting-edge technology. They feature solid-state transmit/receive modules, advanced digital signal processing architecture, pulse compression capability, simultaneous multiple target tracking with high accuracy, electronic beam stabilization, short response time, and advanced electronic protection techniques.

The radars that compose Multi-Functional Radar Systems Suite can be used independently according to the platform's needs. In full configuration, it allows for the creation of detailed air pictures up to long ranges and the simultaneous execution of multiple tasks.

Multi-Functional Radar Systems Suite components can be integrated into a single main mast or can be distributed along the ship's superstructure.



Technical Features

CENK 500-N (Active Phased Array 2D AESA Multi-Function Radar)

- X-Band
- Volume and Horizon Search
- Tracking and Classification of Surface and Air Targets
- Fast and Low RCS Sea-Skimming Target Tracking
- Simultaneous Target Tracking with High Accuracy
- 150 km Instrumented Range
- Track Capacity >1000

CENK 600-N (Active Phased Array 2D AESA Long Range Radar)

- S-Band
- Long Range Volume Search
- Tracking and Classification of Surface and Air Targets
- 450 km Instrumented Range
- Track Capacity > 2000

CENK 700-N-SSR (Non-rotating Active Phased Array IFF Antenna)

- Mode 1/2/3/C/S/5 Interrogation Compliant to STANAG 4193
- 450 km Instrumented Range

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

REHIS - CENK 500-N, 600-N, 700-N SSR - 11.1.2024