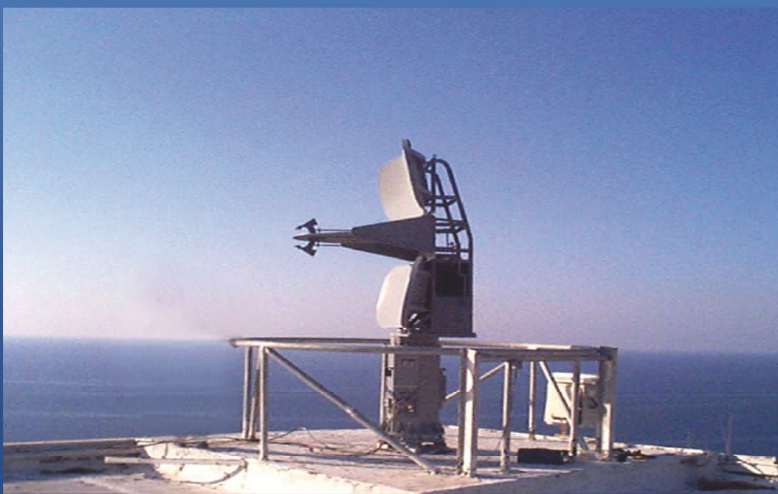


Advanced Coastal Surveillance Radar

CR20



The CR20 is an innovative state of the art Coastal Surveillance Radar Family, optimized for the detection of all types of surface targets even under extremely adverse sea conditions.

The radar features automatic detection and tracking of targets, providing a reliable tactical situation display.

The system for coastal surveillance and VTS can be supplied either in fixed or mobile configurations.

The family includes 3 types of radars: short-range, medium-range, long-range.



Features

- Operates 24/365 under all weather conditions
- Optimal detection of all kind of surface targets
- Automatic detection and tracking of more than 500 targets
- High range accuracy and resolution
- Classification by accurate range signature
- PC-based control unit and friendly MMI
- Operation : local and remote controlled
- Background digital map on color display
- Lightweight and low power consumption
- High reliability and advanced Built-In –Test
- Simple networking of several radars remotely controlled by a command & control /VTMS Center
- Interoperability with additional sensors (i.e Electro-Optical, AIS, ...)
- Growth potential

Applications

- Prevention of illegal immigration and drug smuggling
- Maritime traffic control
- Prevention of illegal fishing
- Prevention of terrorist activities
- Detection of submarine periscope and radar antenna

Specifications

LFMCW solid state radar: 5W, 50W
 Frequency: X-Band
 Azimuth beamwidth: 1.5°
 Elvation beamwith: 2.6°
 Detection ranges (sea stage 3)
 - Rubber boat: > 20km
 - Patrol craft: > 60km
 - Large ships: > up to horizon