

**SMART
AND TO THE
POINT.**



C-DOME™

Naval Air Defense Solution – The Maritime Application of the Combat-Proven IRON DOME®



Protects against a full spectrum of aerial threats

The C-DOME naval air defense solution is an agile, quick-reaction, small-footprint, ship-based system that effectively protects combat vessels against a wide range of modern maritime and coastal threats, including surface-to-surface cruise missiles, land-based missiles, rockets and UAVs.

C-DOME enables full hemispheric protection against saturation attacks – automatically and simultaneously, engaging multiple targets from multiple directions.

The compact C-DOME system can be integrated on small vessels such as corvettes and OPVs, as well as on larger vessels, and is deployed on the Israeli Navy's SAAR 6 class corvettes.



Benefits

- Area defense against saturation attacks from multiple directions simultaneously
- Minimal footprint – weight and size
- Area coverage allows for protection of land-based defended zones
- Can be integrated with vessels of all sizes
- Extremely low All-Up-Round (AUR) costs
- Combat-proven, continuously evolving system
- Smart, cost-effective – activated only when threat is recognized
- Open architecture and simple integration
- All-weather capability
- Integrates on ship's search radar
- Operational in all types of waters
- Available in Mission Module configuration





Main Capabilities

- Full hemispheric protection
- Automatic interception of advanced maneuvering threats with high kill probability
- Short reaction time
- Unique capability against rockets, as well as UAV's and missiles
- Uses the ship's own surveillance radar to detect and track threats.
- Autonomous system with update and mission-abort option
- Lethal warhead against all target types including rockets and artillery



System Components

The C-DOME solution comprises 3 components:

- Extensively combat-proven interceptor which has already achieved close to 5,000 successful interceptions in the IRON DOME system
- Multi-round, modular, maintenance-free Vertical Launch Unit (VLU)
- Command & Control (C²) unit that can be seamlessly integrated with the ship's Combat Management System (CMS)



Technical Specifications

Interceptor Length	<4m
Interceptor Weight	<100 kg
Launcher + 10 Interceptors - Weight	<4 ton
Probability of Kill, Single Shot	>90%



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