



KONGSBERG

Sea PROTECTOR

The navalized PROTECTOR from KONGSBERG
– the world's leading provider of Remote Weapon Stations



Sea PROTECTOR is a lightweight, remotely controlled, fully stabilised sensor platform and high precision weapon mount. It provides surveillance, detection, tracking and prosecution of various threats.

Equipped with Sea PROTECTOR, increased dominance will be achieved over opposing forces. On interceptors and small patrol boats, Sea PROTECTOR serves as the main armament. On ships, it provides self defense and increased capability to counter asymmetric threats, at sea or in harbour. All this while own crew remains safe and unexposed to hostile fire.

Effectiveness and sustainability of ammunition is achieved through the combination of increased hit accuracy and reduced salvo sizes.

Multiple weapon stations can be networked and operated from the Combat- and Bridge Systems.

Features

- Fully Stabilized (3 axis)
- Automatic Target Tracker
- All weather, day & night capability
- Flexible and modular
- Qualifies for global operations
- Classroom and embedded trainer



PROTECTOR customers
per November 2011

-  USA
-  Norway
-  Australia
-  Canada
-  Finland
-  Switzerland
-  Ireland
-  Portugal
-  Czech Republic
-  The Netherlands
-  United Kingdom
-  Luxembourg
-  France
-  Kuwait
-  Slovenia
-  Sweden
-  Croatia

Features

Sea PROTECTOR can accommodate machine guns, 40 mm grenade launchers and short range missiles. The system will automatically recognize the weapon mounted and utilize the default ammunition characteristics for that particular weapon. The unique “soft mount” (recoil damper) provides unparalleled hit accuracy.

The sensor package includes Color Day Camera, Thermal Night Camera (IR) and Laser Range Finder allowing day and night operations.

Sea PROTECTOR incorporates automatic target tracking and comprehensive fire control solutions. Unique separate servo axes enable the sensors to track the target while the weapon is corrected for lead angle and super-elevation. Continuous 360° firing arc and fully burst control.

Operational Record

Sea PROTECTOR carries forward the exceptional and uniquely proven operational record and reliability of PROTECTOR into the naval environment.

Technical data

Main characteristics

Weight (depending on configuration, ex weapon and ammunition)	135 - 151 kg (297 - 333 lbs)
Height of Weapon Station (ex weapon and ammunition)	762 mm (30 inches)
Temperature (operating)	-46° C to +65° C (-51°F to 149°F)
Power	18-32 VDC MIL-STD-1275

Weapons and calibers

12,7 mm (.50 cal)	- M2HB
7,62 mm	- M240
5,56 mm	- M249
40 mm AGL	- Mk19
40 mm AGL	- Mk47
40 mm HK	- GMG
Javelin missile	

Potential capabilities

7.62 mm	- M134
2.75" Rocket System	

Environment

EMC	MIL-STD-461
Vibration	MIL-STD-810 Method 514.4

WORLD CLASS – through people, technology and dedication

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