



KONGSBERG

## Sea PROTECTOR

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



Sea PROTECTOR provides the unique operational capabilities to counter asymmetric threats and enhances overall ship protection in the face of terrorism. Sea PROTECTOR provides exceptional capabilities for harbor defense and is well suited for naval ships and patrol craft of all types and classes.

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

Precision kill capabilities inherent in the systems help conserve ammunition and limit the risk of inflicting collateral damage. All this while own crew remains safe and unexposed to hostile fire.

### Features

- Fully Stabilized (3 axis)
- Automatic Target Tracker
- Recoil damper
- Flexible and modular
- Qualifies for global operations
- Classroom and embedded trainer



**PROTECTOR customers**  
per September 2008

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

## Features

Sea PROTECTOR is a fully stabilized remotely controlled weapon station for small caliber weapons and 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 ballistics. 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. PROTECTOR systems have logged 17 million hours of operation worldwide.

### Technical data

#### Main characteristics

Weight (ex weapon and ammunition)	135 kg (297 lbs)
Temperature (operating)	-40° C to +65° C
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	
2.75" Rocket System	

#### Sensor package (standard version)

Color Day Camera (VIM)  
 Infra Red Camera (TIM)  
 Laser Range Finder (LRF)  
 Clean Sensor System (CSS)

#### Dynamic performance

Maximum Azimuth Slew Rate	>100°/s
Maximum Elevation Slew Rate	>50°/s
Range of Traverse, Azimuth	Continuous 360°
Range of Elevation	-20° to +60°

**WORLD CLASS – through people, technology and dedication**

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