

PROTECTOR

Remote Weapon Station



KONGSBERG

M153 PROTECTOR (CROWS II)

- based on the battle-proven M151 PROTECTOR

- M153 PROTECTOR is designed for small and medium caliber weapons, and can be installed on any type of platform.
- Detached Line of Sight (DLOS) enables the gunner to keep his sights on target, independent of ballistic solution for the weapon/ammo in use.
- Fully stabilized system provides unmatched observation and engagement capabilities.
- Thermal Imager with dual field of view, autofocus and e-zoom.
- Color Daylight camera allows a wide field of view up to 45 degrees while observing, and more than 30 times optical magnified close-up view of the target area when identifying and engaging a long distance target.
- The eye-safe Laser Range Finder provides extremely accurate range measurements, providing the PROTECTOR first round on target capability.
- PROTECTOR with its DLOS is the ultimate solution for accurate operation of the 40mm Automatic Grenade Launcher (AGL).
- Incorporates a high volume ammo can & add-on armor for improved sensor and servo protection.

FEATURES

- Gunner operates the PROTECTOR from within the safety of the vehicle's hull
- Proven and in active service
- Fully Stabilized
- Automatic Tilt and Cant compensation
- Accurate, Reliable and Safe
- Interface with Recoil damper for various weapons
- Qualified for global operations
- Low Life Cycle Cost
- Flexible and modular
- Optimized for low weight
- Lock-on target
- Automatic Lead Angle Correction
- Classroom and embedded trainer available.

WORLD CLASS – through people, technology and dedication





Operational Capability

In August 2007 KONGSBERG was awarded the prestigious contract of CROWS II (Commonly Remotely Operated Weapon Station) by the US Army. CROWS is a joint acquisition program for weapon stations for the US Army vehicle programs.

M153 PROTECTOR is based on the proven M151 PROTECTOR with more than 25 million hours of operation and more than 15 million hours in combat, and has extremely high reliability with a proven Operational Readiness Rate (ORR) of more than 99%.

With more than 15,000 systems sold worldwide, KONGSBERG represents a wide range of high quality products mounted on multiple platforms. PROTECTOR has been selected or is already in service by the following nations; USA, Australia, Canada, Czech Republic, Finland, France, Ireland, Kuwait, Luxembourg, Netherlands, Norway, Portugal, Slovenia, Sweden, Switzerland, United Kingdom and Croatia.

Integrated Weapons & Missiles

Qualified for the Browning M2 (12,7mm), MK19 (40 mm Automatic Grenade Launcher), M240 (7,62mm) and M249 (5,56mm).

KONGSBERG continues to integrate additional weapons such as JAVELIN, MK47, MG3 and other standard NATO weapons.



Specifications

TECHNICAL DATA	
Weight of Weapon Station incl. add-on armor excl. weapon and ammunition	172 kg (379 lbs)
Height of Weapon Station excl. weapon and ammunition	762 mm (30 inches)
Temperature, Operating	-46°C to +65°C (-51°F to + 149°F)
Temperature, Storage	-46°C to +71°C (-51°F to +160°F)
EMC	MIL-STD-461
Vibration	MIL-STD-810 Method 514.4

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