

PROTECTOR

Remote Weapon Station



KONGSBERG

PROTECTOR Lite

- First Round on Target

- PROTECTOR Lite is designed for low recoil weapons and can be installed on any type of platform.
- Fully stabilized system provides unmatched observation and engagement capabilities.
- Low weight on vehicle roof.
- High degree of commonality with the proven M151 PROTECTOR and PROTECTOR CROWS.
- 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.
- Fielded and combat proven with an excellent reliability record.
- Elevation range from -20 to +75 degrees for combat operations in urban and mountainous terrain.

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
- Weapon Interface with Recoil damper
- Qualified for global operations
- Low Life Cycle Cost
- Flexible and modular
- Optimized for low weight
- Classroom and embedded trainer available

WORLD CLASS – through people, technology and dedication





Operational Capability

PROTECTOR Lite has more than 80% commonality with M151 PROTECTOR and PROTECTOR CROWS; identical User Interface, similar Operation and Training Procedures. PROTECTOR has a proven reliability record with more than 9 million hours in combat. PROTECTOR Lite is already fielded in Afghanistan and Iraq with integrated acoustic Anti Sniper Systems.

Integrated Weapons & Sensors

PROTECTOR Lite is optimized for Low-Recoil weapons with low weight and is qualified for:

- M240 (7,62 mm) MAG 58/C6
- M249 (5,56 mm)
- Anti Sniper Detection Systems

KONGSBERG continues to integrate additional weapons such as MG3 and standard NATO weapons.



Specifications

TECHNICAL DATA

Weight of Weapon Station excl. weapon and ammunition	74 kg (163 lbs)
Height of Weapon Station excl. weapon and ammunition	610 mm (24 inches)
Temperature, Operating	-46°C to +65°C (-51°F to +149°F)
Temperature, Storage	-51°C to +71°C (-60°F to +160°F)
EMC	MIL-STD-461
Vibration	MIL-STD-810 Method 514.4 (custom vibration spectrum)

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