

PROTECTOR



KONGSBERG

KONGSBERG REMOTE WEAPON SYSTEMS

PROTECTOR RT20

KEY CAPABILITIES

- Highly accurate firepower in moving and static scenarios
- Area targeting with Programmable munition
- Enhanced lethality features through Integrated Combat Solution (ICS)
- Linkless ammunition handling system
- Reload from under armor
- Low weight and profile
- Single or dual user configurations

The PROTECTOR Remote Turret system is the world's leading unmanned medium caliber turret. It is the first remotely operated turret to be fielded within the U.S. Army, and as of today the system is also selected for US Marine Corps and Robotic vehicle programs.

The PROTECTOR Remote Turrets belong to the PROTECTOR family of the Remote Weapon Systems which through the last 20 years have become the clear world leader with 20.000 systems sold to 23 nations.

The Remote Turrets (RT) come in three variants, the RT20, RT40 and RT60. They all provide highly accurate firepower for wheeled and tracked combat/armored vehicles. The systems are remotely controlled and operated from a protected position inside the vehicle compartment.

The flexible structure of the systems makes it easy to tailor them to specific customer requirements, including add-on systems like anti-tank missiles, active protection systems, shot detection systems and laser warning systems. The systems can all be configured as a single user system or a dual user system including hunter killer capability.

The RT20 is a compact and light weight turret system including the latest KONGSBERG technology within fire control, sensor capability and lethality performance. The RT20 has been selected as the 30mm lethality solution for the USMC Amphibious Combat Vehicle (ACV) program, and is fully maritized to allow operations in marine environments.



Increased lethality

The main armament of the PROTECTOR Remote Turrets is a 30mm or Super 40mm automatic cannon equipped with a link less ammunition handling system for increased reliability compared to traditional link fed cannon systems.

The systems provide precision target defeat and maneuver support out to ranges of 3,000 Meters. Through the KONGSBERG Integrated Combat Solution (ICS) the turret gains access to a number of enhanced lethality features like automated precision Hunter-Killer and target sharing between vehicles.



Full crew, under armour position

The systems have under armor reload of both the main gun and coaxial gun and the turret cover can be tailored to meet customer specific protection levels. The cover can also be delivered with an add-on interface that enables easy upgrade to higher protection levels.



Fire control capabilities

Combat proven fire control based on fielded PROTECTOR remote weapon stations. The system automatically performs ballistic computation compensating for lead angle, cant, tilt and vehicle motion, making targeting easier in the most challenging scenarios. Network based fire control for remote operation of platform.



TECHNICAL DATA

Weight	Starting at 1250 kg / 2700 lbs
Armament	XM813 or MK44 30/40mm Bushmaster Automatic Cannon <ul style="list-style-type: none"> • First round select
Ammunition handling:	Linkless ammunition feeding 2x75 ready rounds All NATO ammunition or Super 40x180mm Programmable Air Burst Ammunition
Coaxial gun	7.62mm 200 ready rounds
Smoke grenades	Customized to specific requirements
Auxiliary weapons (on a roof of mounted RWS)	12.7mm Machine Gun 40mm AGL Anti Tank Guided Missiles
Cameras / Sensors:	Day camera, Thermal Imager and Laser Range Finder (LRF)

