

TRAKON₃₀



TRAKON 30 Remote Controlled Weapon Station (RCWS) equipped with the Venom LR 30x113mm Auto Cannon is a state-of-the-art system enhancing the combat capabilities of various platforms, providing superior firepower and versatility for modern warfare.

TRAKON 30 RCWS is engineered to provide unmatched firepower and precision in various military scenarios. It is compatible with 4x6 ,4x6, and 8x8 light armored vehicles (LAVs), Mine-Resistant Ambush Protected (MRAP) vehicles, and tactical pick-up trucks. The system enhances these platforms by combining traditional 12.7mm HMG and 40mm AGL weapons.

For naval platforms, TRAKON 30 RCWS is ideal for fast patrol crafts, rapid intervention surface ships, and unmanned surface vessels (USVs), making it suitable for both combat and law enforcement operations against asymmetrical surface threats and drones.

TRAKON 30 RCWS offers several strategic advantages. The advanced Electro-Optic Suite allows for precise targeting and effective engagement of both static and moving targets, day or night. This independently stabilized EO suite is engineered to achieve the best-in-class performance with an azimuth movement capability of 20° left and 20° right; also in elevation movement capability of +60° and -20° without any movement of the weapon itself. This wide-angle coverage is critical for maintaining continuous and comprehensive surveillance of the target while tracking or engaging.

The TRAKON 30 RCWS with Venom LR Auto Cannon stands as a cutting-edge solution for modern combat needs, ensuring enhanced operational capabilities and strategic superiority on the battlefield.

TECHNICAL SPECIFICATION

Empty Weight of the Turret	<450 kg
Total Weight (Turret + Venom LR)	<550 kg without ammunition
Ammo Capacity	150 rounds
Elevation Axis	-20°/+60° , 60°/s
Azimuth Axis	+/-160° , 60°/s or Nx360 Slip Ring (optional)
Stabilization	1 mRad
Electro-Optic Suite	Independent 2 dof
Day Camera	1920 x 1080 pixel, 30x optic zoom, 16x digital Zoom,
IR Thermal Camera	640 x 512 pixel, UNCOOLED LWIR or COOLED MWIR
Laser Range Finder	Eye Safe Class-1, Maximum range: 7km (UNCOOLED) ; Maximum range: 12km (COOLED)



TECHNICAL SPECIFICATION

Target Size 2.3m x 2.3m	Uncooled IR Camera	Day Camera	Cooled IR Camera (optional)
Detection	9.000m	10.000m	14.900m
Recognition	3.000m	4.500m	5.200m
Identification	2.000m	3.000m	3.400m

Environmental Standarts	MIL-STD-810G & MIL-STD-416F - EMI-EMC
Training Mode	Embedded

