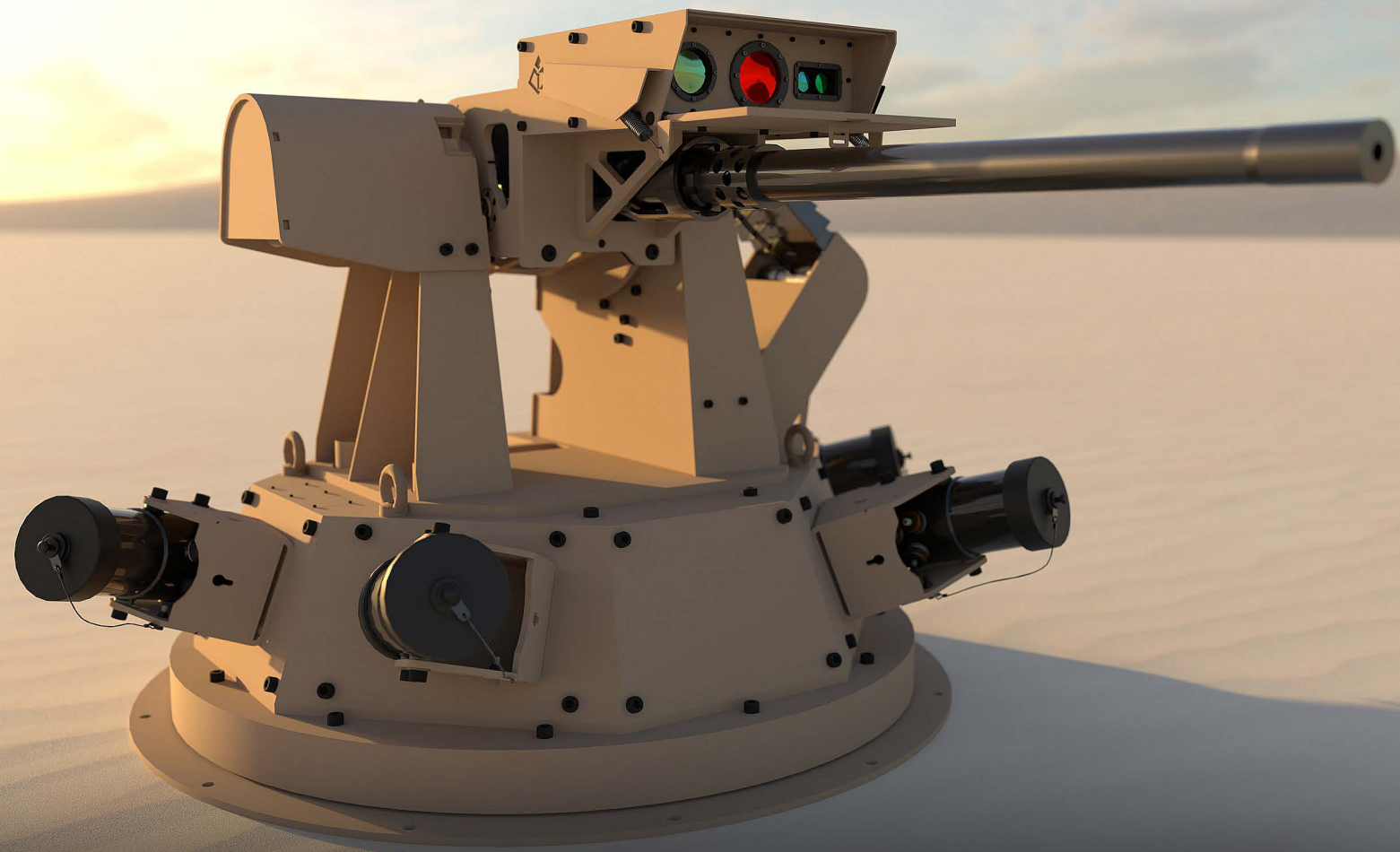




PRONEX

SCORPION

REMOTE WEAPON SYSTEM



Designed in response to the industry need for a customizable, low-cost RWS option, offering better geographic availability and performance than existing solutions.

Our lean design, remotely operated, stabilized weapon system features an externally mounted two-axis weapon mount controlled and reloaded from inside its Host Platform. The RWS sight payload includes a day video camera and a co-axially mounted uncooled thermal imaging camera. All ballistic offsets are implemented automatically using either a battle range, manual input range, or the range from its integrated Laser Range Finder.

Pronex Engineering

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PRONEX

SCORPION

REMOTE WEAPON SYSTEM

OPERATIONAL ENVELOPE

Traverse	n x 360°
Elevation	-15° to +60°
Speed	<0.35 mrad/s to 1.5 rad/s

REACTION TIME

Target Acquisition time:

- < 2.5 s (stationary conditions)
- < 4.5 s (dynamic conditions)

Offset calculation time < 0.05 s

On screen target designation touch assist for operator

WEAPONS

Scorpion can be equipped with the following:

- 12.7mm Browning HMG (Standard)
- 12.7mm DSHK HMG (With Modification)
- 5.56mm (With Modification)
- 7.62mm (With Modification)
- 4 x 76mm Smoke grenades (Optional)

AMMUNITION HANDLING

- 200 Ready Rounds (12.7 x 99 mm)
- Fed through elevation bearing
- Spent cartridge disposal guide with counter
- Reloading under armour from within vehicle

SIGHT AND AIMING SYSTEM

HD Day Camera	HFoV 5°
High-resolution Uncooled TI	HFoV 3.8° or 5°
LRF range to target	>5 000 m NATO target

OPERATOR CONTROL UNIT

Consists of a HD TFT display and Weapon Control Panel (WCP) housed in a single compact housing with separate handgrip.



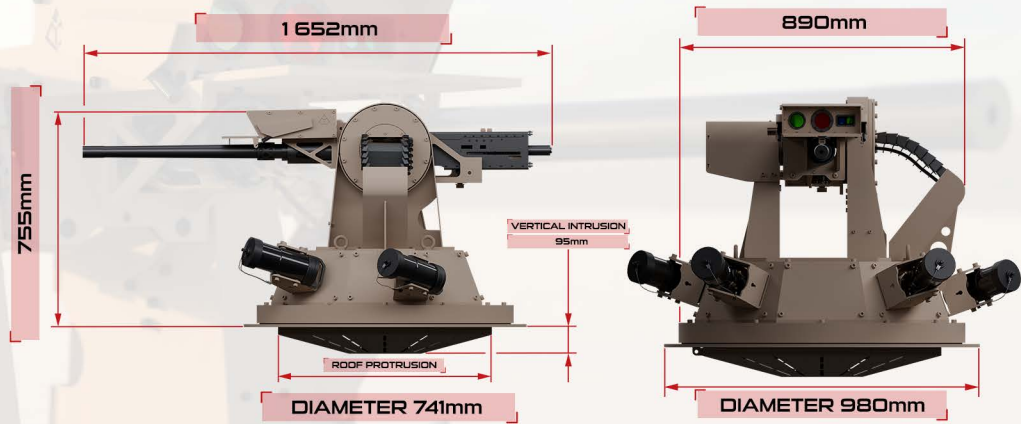
BALLISTIC PROTECTION

All-round protection is provided for mission critical components against STANAG Level 1 KE threats on the:

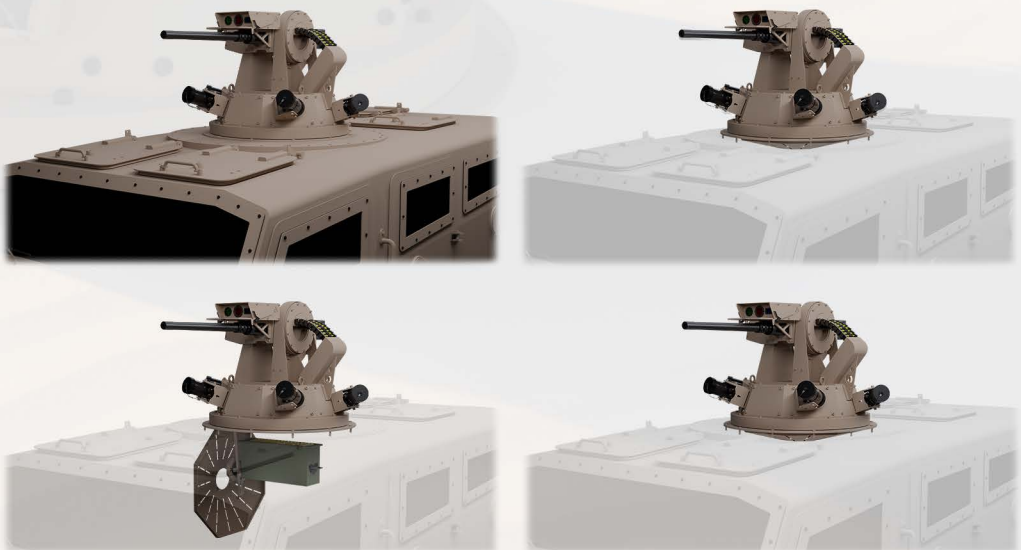
- Sight Payload (with manual lid)
- Elevation Drive
- Traverse Drive Pedestal (incl. crew compartment intrusion)

SYSTEM CHARACTERISTICS

Height	755 mm
Width	890 mm
Length	1 652 mm
Carriage Weight (Without weapon and ammunition)	340 kg



LOADING UNDER-ARMOUR



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