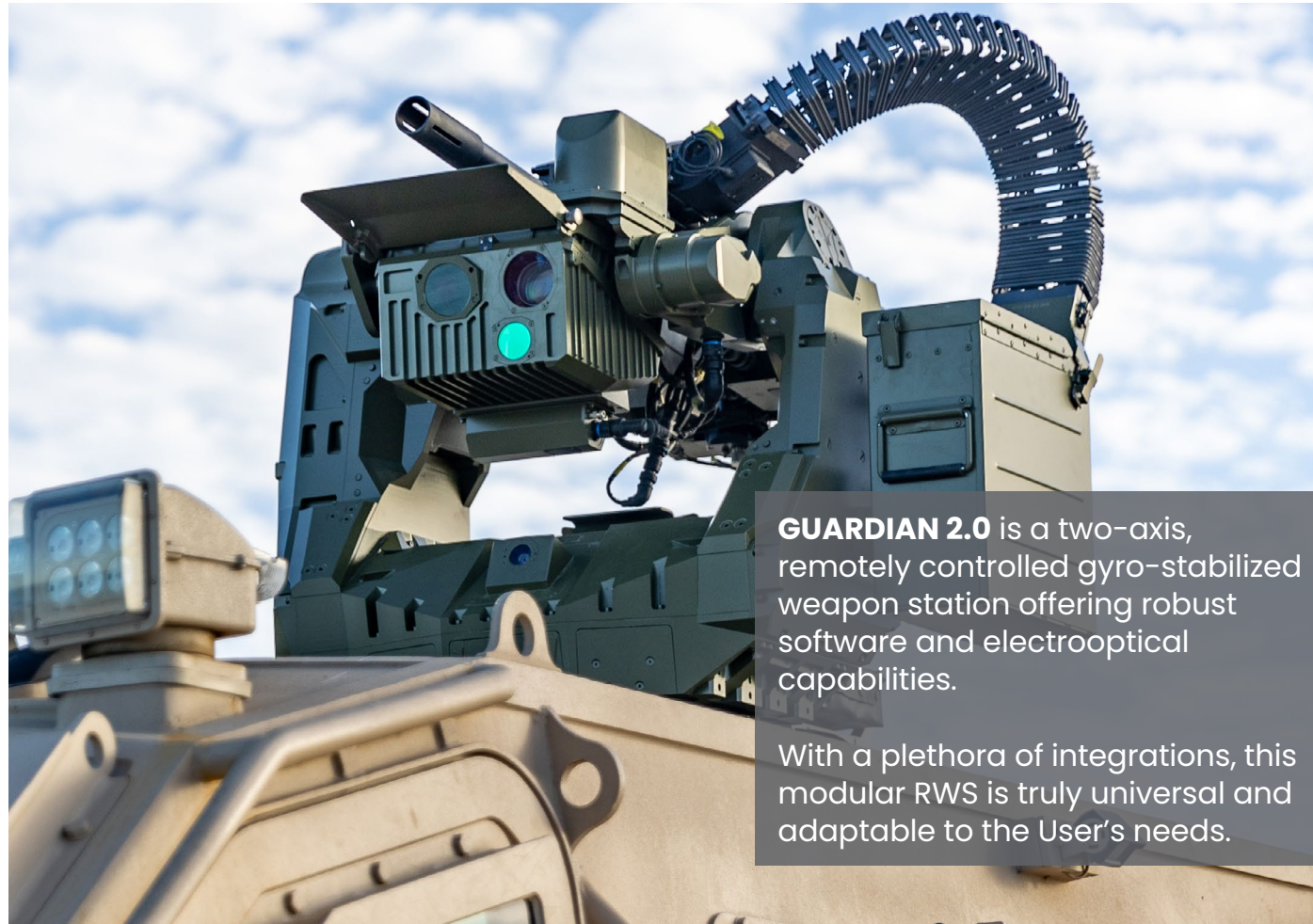




GUARDIAN 2.0



GUARDIAN 2.0 is a two-axis, remotely controlled gyro-stabilized weapon station offering robust software and electrooptical capabilities.

With a plethora of integrations, this modular RWS is truly universal and adaptable to the User's needs.

GUARDIAN 2.0

is a lightweight station that can incorporate **5.56mm, 7.62mm and 12.7mm calibers**, as well as 12 smoke grenade launchers.

It can also be equipped with an MK19 grenade launcher and M134D gatling gun, **which makes this platform excellent hard kill CUAS solution**, thanks to its high fire capacity and superior tracking and accuracy.



Technical data

GUARDIAN 2.0

Platform

- Type of assembly:** Dual stabilization in elevation and azimuth
- Weapon:** Standard configuration with 12.7mm (M2)
- Optional assemblies:** 5.56mm (MG4), 7.62mm (MG3, M240), M134D Gatling, 30x113 mm (M230), 76 mm smoke launchers, grenade launcher (MK19, GMG)
- Elevation:** -20° to +60°
- Azimuth:** Nx 360°
- Stabilization accuracy:** <1 mrad
- Weight*:** <240 kg

* Without weapon or ammunition

Other features

- Programmable inhibition zones for safe movement
- External C41 data compatibility
- Ballistic computer for high accuracy
- Easy to integrate with any external sensor
- Simulator included

Electrooptical systems

Day Sight Camera:

- CMOS Sensor 1/2.5 Type
- 1920x1080 pixels
- Optical Zoom: 44x
- System display resolution: 1024X768
- WFOV: 17,17° (H) x 12,86° (V)
- NFOV: 0,39° (H) x 0,29° (V)

Cooled IR Camera:

- 3rd Gen. MWIR detector
- 640x512 pixels, 15 µm
- Optical Zoom: 20x
- Electronic Zoom: 4x
- System display resolution: 1024X768
- WFOV: 35,50° (H) x 26,93° (V)
- NFOV: 1,83° (H) x 1,38° (V)

Laser range finder:

- Programmable frequency:
- 1, 3, 5, 10 Hz
- Accuracy: ± 1 m
- Wavelength: 1550 nm
- Max. range: 15 km
- NATO target: > 5.5 km

* Reflectivity: 30%; Observer's visibility: 10 km



RANGES	IR	VISIBLE
Detection	18.57 km	20.38 km
Recognition	7.82 km	18.87 km
Identification	4.15 km	14.76 km
NATO 2.3 m x 2.3 m		

