



GUARDIAN L-HIT

GUARDIAN L-HIT (Lightweight High Impact Turret) is a high impact lightweight turret, remote control system, gyro-stabilized in 2 axes and capable to operate day and night.

It mounts a M230LF 30mm cannon and it has been especially designed to be assembled on several platforms and on light and armored vehicles, providing the user with a great firing capacity.

GUARDIAN L-HIT excels for its superior long-range accuracy thanks to its next-gen ballistic calculator.



ADAPTABILITY



AUTOMATIC TRACKING



CUSTOMIZABLE



LOW MAINTENANCE



MODULARITY



PROTECTION



EMBEDDED SIMULATION

TECHNICAL DATA

Platform:

Mounting type: 2-axis gyro-stabilization.
Weapon: Standard configuration with M230LF (30mm) cannon. Can also mount 12.7mm(M2) or a grenade launcher (MK19).
Elevation: -20° to 60°.
Azimuth: Nx360°.
Stabilization level: < 0,5 mrad.
Weight*: <260 kg.
*Without weapons and munition

Other features:

- Configurable inhibition of fire zones for operational safety.
- GPS system included.
- Data exchangeability with external C4I.
- Ballistic calculator for high firing accuracy.

WEAPON STATION

ELECTRO-OPTICAL SYSTEMS

Uncooled IR Camera:

- Micro-bolometer LWIR Detector.
- 640 x 480 pixels 7µm.
- Discrete Zoom: 3x.
- WFOV: 12°(H) x 9°(V).
- NFOV: 4°(H) x 3°(V).

Cooled IR Camera:

- 640 x 512 5 µm.
- 3rd Gen MWIR sensor.
- Continuous Zoom: 8x.
- WFOV: 17.62°(H) x 14.09°(V).
- NFOV: 2.20°(H) x 1.76°(V).

Day Sight Camera (DSC):

- HD CMOS sensor.
- 1920 x 1080 pixels 3.45µm.
- Continuous Zoom 20x.
- WFOV: 38.13°(H) x 21.38°(V).
- NFOV: 1.90°(H) x 1.07°(V).

Laser Range Finder (LRF):

- Accuracy: ± 5m.
- Max. Range: 15 km.
- Programmable frequency: 1Hz - 10Hz.

RANGES	UNCOOLED IR	COOLED IR	DSC
Detection	≥8,5km	≥17,3km	≥15km
Recognition	≥2,9km	≥5,4km	≥10,3km
Identification	≥2,0km	≥3,6km	≥8,4km

NATO Target 2,3m x 2,3m

