



# GUARDIAN-ASPIS

**GUARDIAN-ASPIS** is the lightest remote weapon station on the market. With under 100kg, this 2-axis gyro-stabilized system is capable to operate both during day and night operations.

Combining an advanced fire and aiming system, **ASPIS** can mount a wide range of weapons, from 5,56mm to 7,62mm.

Especially designed to be integrated on different types of platforms and vehicles, **ASPIS** is a highly cost-effective defense system against asymmetric threats and RPA's.



## TECHNICAL DATA

### WEAPON STATION

**Platform:** Mounting type: 2- axis gyro-stabilization.  
**Weapon:** Standard configuration from 5,56mm to 7,62mm.  
**Elevation:** -20° to +60°.  
**Azimuth:** Nx360°.  
**Stabilization level:** <1 mrad.  
**Weight\*:** <100 kg.  
\*Without weapons and munition

**Other features**

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

### ELECTRO-OPTICAL SYSTEMS

**Uncooled IR Camera:**

- Micro-bolometer LWIR Detector.
- 640 x 480 pixels 17µm.
- Discrete Zoom: 3x.
- WFOV: 12°(H) x 9°(V).
- NFOV: 4°(H) x 3°(V).

RANGES	UNCOOLED IR	DSC
Detection	≥11km	≥13km
Recognition	≥3km	≥8km
Identification	≥2,0km	≥6km

NATO Target 2,3m x 2,3m

**Day Sight Camera (DSC):**

- HD CMOS sensor.
- 1920 x 1080 pixels 2.5µm.
- Continuous Zoom 30x.
- FOV: 1.7° x 48°.

**Laser Range Finder (LRF):**

- Accuracy: ± 1m.
- Max. Range: 3300m (optional: 15km).
- Programmable Frequency 1Hz - 2Hz.



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