



PASEO

MODULAR ADVANCED STABILIZED SIGHT

- A unique advanced solution for IFV & MBT
- Long-range observation & engagement
- True "fire-on-the-move" capability
- True 360° real-time situation awareness

PASEO

Modular advanced stabilized sight

Relying on its unique expertise in inertial and infrared technologies, Safran Electronics & Defense designed PASEO, the latest-generation of advanced panoramic sight to improve the survivability and fighting capabilities of the Infantry Fighting Vehicles (IFV) and Main Battle Tanks (MBT). Highly versatile, PASEO is perfectly suited to 30-125 mm Gunner and Commander's applications as well as Forward Observation Artillery. Effective day and night, it provides a true "fire-on-the-move" capability, with a high first-round hit probability, whether on static or moving targets.

Designed to meet the various requirements of modern warfare, symmetric and asymmetric, PASEO provides unique features:

→ **to increase the situation awareness for armored and surveillance vehicles:**

- integration of high performance day and night optronic sensors
- 360° coverage up to optional real-time scanning capability (Auto Scan)
- networking capability

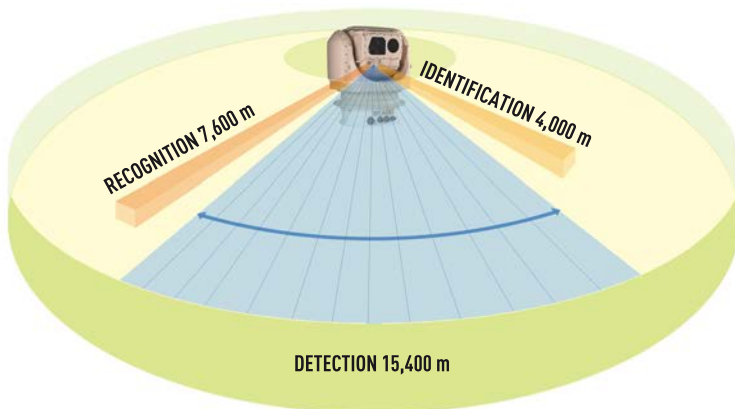
→ **to reduce the detection time:**

- advanced image processing
- optional assistance to early threat detection and assessment (Track While Scan)
- threat geo-localization (interconnected with Inertial Navigation System)

→ **to increase the firing efficiency:**

- high-performance line-of-sight aiming, stabilization and positioning measurement
- optional anti-tank missile firing capability
- optional target auto-tracking facility

to the most modern vehicles, in all combat scenarios, in both stationary and on-the-move conditions, even at high speed.



Technical specifications

LOS angular travel

- Azimuth $n \times 360^\circ$
- Elevation from -30° to $+62^\circ$

LOS performance

- 2-axis stabilization < 0.05 mrad rms
- Position measurement < 0.1 mrad peak

Thermal imager

- 3 - 5 μm spectral band
- 8 - 12 μm spectral band
- Continuous zoom from 1.9° to 15.2°

Day color HD TV

Eye-safe Laser Range Finder

Ballistic computer (optional)

- Lead angle computation
- Firing gate management

Line of fire management (optional)

Auto Scan / Track While Scan (optional)

Auto-tracker (optional)

Laser designator / beam-rider (optional)

Ballistic protection (optional)

- STANAG 4569 up to level 2

Environment

- MIL specs

- Fully independent 2-axis stabilized line-of-sight
- Advanced video image processing for enhanced reality
- Target geolocation
- Embedded ballistic protection
- Compact & versatile

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