

ELECTRONICS & DEFENSE



# PASEO NS

MULTI-MISSION NAVAL ELECTRO-OPTICAL  
FIRE CONTROL SYSTEM

- Long-range identification & tracking
- Ballistic computer
- Gun management
- Flexible payload

# PASEO NS

## Multi-mission naval electro-optical fire control system

From self-defense operations to ship protection at anchor, PASEO NS electro-optical FCS provides surface vessels with high-precision engagement capacities against sea or air targets and terrorist threats. Day or night, it ensures short to long-range identification & tracking even in very rough sea conditions with poor visibility.

Integrated in a Combat Management System or operated in a stand-alone mode, PASEO NS allows manual or automatic sector surveillance, automatic target tracking, aid to identification and transmission or reception of 3D target designation information. PASEO NS is able to simultaneously control several guns of different calibers.

Especially easy to operate and maintain, PASEO NS comprises:

- A high-performance gyrostabilized platform providing an accurate line of sight
- A ballistic computer allowing high accuracy gun firing (optional)
- A Man-Machine Interface (MMI) located in a multifunction console of the CMS (optional software on request) and/or in a local dedicated console (eg. bridge-located)

Thanks to its fully passive equipment (except for the LRF), it can operate without any electromagnetic emission (radar silence).

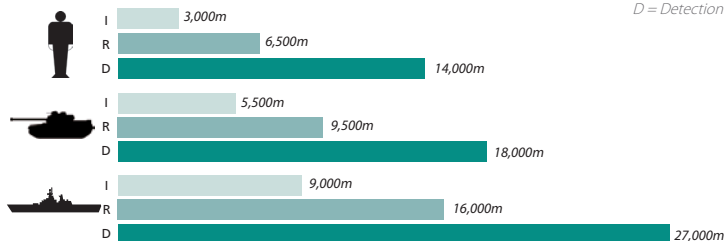


### A proven expertise

Drawing on Safran's 30-year experience in electro-optical detection and fire control, PASEO NS capitalizes on its predecessors' proven high reliability, performance and accuracy.

Over 600 systems in the PASEO NS range (formerly PANDA, LYNX, NAJIR Mk1, Mk2 and 2000, VIGY 20, VIGY MM) are currently operated by 30 navies worldwide.

### Typical ranges



### Technical specifications

- 3rd generation MWIR camera with zoom
- High-sensitivity CCD color camera
- Eye-safe laser range finder
- High-performance gyrostabilized lightweight sensor head
- Upgradeable on request
- Up-to-date multi-mode video tracker: centroid, correlation, combined, edges & multiple target track
- Optional TV spotter
- Optional SWIR camera

### • Integrated EO/IR & FCS

### • Easy to maintain

### • Upgradable



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