

- The Thales Panoramic Above Armour Gimbal (PAAG) provides the vehicle commander or gunner with stabilised long-range surveillance, target identification and weapon aiming on the move and independent of vehicle or turret orientation
- Compact and self-contained, the PAAG sight is easily integrated onto small or large military vehicles
- Configurable and Expandable to match evolution of vehicle roles and future needs, PAAG offers internally fitted sensor options, Fire Control architecture and advanced processing for role assistance
- Additional features include Hemispheric staring Local Situational Awareness (LSA), customisable Electronic Architecture and ballistic armour



OPTRONICS AND MISSILE ELECTRONICS

PAAG

Stabilised Panoramic Above Armour Gimbal





OPTRONICS AND MISSILE ELECTRONICS

PAAG

Stabilised Panoramic Above Armour Gimbal

OVERVIEW

Compact stabilised panoramic sight providing surveillance and fire control.

APPLICATIONS

Wheeled and Tracked military vehicles.

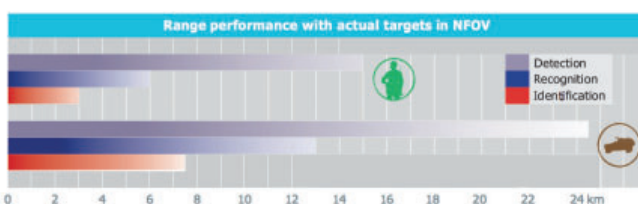
FEATURES AND BENEFITS

- Self contained above armour sighting system. Simple vehicle integration
- Network connectivity on and off platform
- Observe or fire on the move. 360° continuous rotation. Fully stabilised Line of Sight
- Fire Control architecture; partitioned functions and low latency video
- Long range 24 hour imaging: MWIR cooled thermal Imager. Full HD colour day channel. Night and day ID greater than 4 km
- Continuous zoom day and night
- Hemispherical staring sensors providing continuous 360° situational awareness
- Smart processing user role assistance including target detection, tracking and image enhancement
- Factory configurable sensor box. Multi-role functionality in a very compact package
- Factory configurable vehicle interfaces for ease of integration
- Low power mode. Less than 50 W

OPTIONS

- Integrated Laser Target Designator and See-spot
- SWIR or other specialized sensor
- Missile guidance laser
- Laser pointer
- Ballistic Armour
- Ethernet or 3G-SDI digital video
- Ethernet, MILCAN, or Serial control

RANGE PERFORMANCE



TECHNICAL SPECIFICATIONS

- Azimuth $n \times 360^\circ$. > 2 Rad/s
- Elevation -25° to $+65^\circ$
- Stabilisation < 50 uRad RMS

TI

- 1280 x 1024 MWIR with μ scan
- Continuous Zoom 1.9° - 12.5°
- Options for different FoV and LWIR

TV

- HD colour 1920 x 1080
- Continuous Zoom 2.0° to 20°

LRF

- Eyesafe. Class 1 1535 nm
- Range greater than 10 km

CONTROL AND DATA

- MILCAN, DDS or Serial

VIDEO OUTPUT

- 4 channels simultaneously
- VIVOE or 3G-SDI

ENVIRONMENT

- Tracked or wheeled vehicle
- Def Stan 00-35. MIL-STD 810
- Def Stan 59-411. MIL-STD 461

