

ELECTRONICS & DEFENSE



SATIS GS

ADVANCED MULTIPURPOSE COOLED THERMAL IMAGER

- High optronic performance
- Large format detector
- Ultimate image processing
- Adapted to fire control & observation systems

SATIS GS

Advanced multipurpose cooled thermal imager

SATIS GS is an advanced multipurpose thermal imager. Qualified to withstand severe firing shocks, SATIS GS provides superior line-of-sight stability & ultimate image quality even in the most demanding operational scenarios.

Utilizing the best of technology, SATIS GS is designed for integration into sights, Fire Control and Observation Systems where long engagement ranges are required.

Available configurations

SATIS GS features a 640x512 matrix detector and optional opto-mechanical μ -scan, combined with a powerful optics. SATIS GS incorporates ultimate image processing such as local gain control, noise reduction and image stabilization.

SATIS family

SATIS are a 4th generation thermal imagers, capitalizing on Safran Electronics & Defense's 30 years experience in thermal technology, and the success of the MATIS product line of thermal imagers.



Technical specifications

Physical

- Weight: 5kg
- Dimensions: 297 x 150 x 137 mm

Optronics

- Waveband: 3 to 5 μ m
- VGA/HD detector
- Optional μ -scanning
- Fields of view (H): continuous/pre-set optical zoom 1.9° - 15.2°
- NETD: \leq 25mK at ambient temperature (with image processing)

Processing functions

- Global/local gain control
- Continuous e-zoom up to x8
- Autofocus
- Digital image stabilization
- Noise reduction
- Super-resolution

Electrical

- Power supply: external 18 to 32V
- Consumption: \leq 40W at ambient temperature
- Video outputs: CCIR and digital
- Remote control: RS422

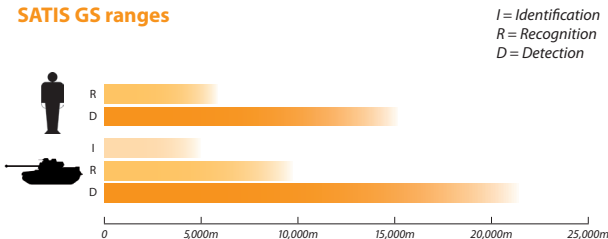
Environmental

- Climatic: -40°C to +64°C
- Qualified according to MIL-STD 810 & MIL-STD 461

Accessories

- Remote monitor & control panel

SATIS GS ranges



- Continuous optical zoom
- Superior line-of-sight stability
- Large format detector
- Advanced image processing

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