

ATLAS-II

Long range vision system

PERFORMANCES/DRI

► Day channel:

- Detection:

- Human: 12 km
- Vehicle: 16 km

- Recognition:

- Human: 7 km
- Vehicle: 12 km

► Thermal channel:

- Detection:

- Human: 7 km
- Vehicle: 11 km

- Recognition:

- Human: 3 km
- Vehicle: 5,5 km

*Johnson criteria @50% (standard conditions): target size human
1,75 m x 0,75 m / vehicle: 2,3 m x 2,3 m.*



PRODUCT DATA



Applications :

- Long range surveillance
- Border control
- Embedded
- Maritime control



Advantages :

- ITAR FREE
- Orientation accuracy and speed
- Long Range Finder
- Day & Night
- Ruggedised for military use

DESCRIPTION

The ATLAS-II is designed for on-board use on land vehicles or on buildings (fixed installation).

It allows a continuous day/night surveillance. The ATLAS-II displays excellent performance in all long, medium and short range applications.

Thanks to its high technological innovations and the integration of a last generation LWIR thermal sensor coupled with a powerful zoom, the ATLAS-II will allow you to maintain high performances while reducing the costs of operational maintenance.

INFORMATIONS

- **Warranty** : 24 months, under normal use of the product.

Channel 1: Thermal LWIR

Type of vision	Thermal (LWIR) 8 - 14 μ m
HFOV	2,77° - 22,26°
Focal	25 - 250 mm
Optical zoom	x 10
Digital zoom	x 4

Channel 2: Visible

Type of vision	Colors with low light level capability
HFOV	2,1° - 63°
Focal	4,3 - 139 mm
Optical zoom	x 30
Digital zoom	x 4



Pan/tilt

Motion	Pan: Nx360° / Tilt: $\pm$ 45°
Speed	0 - 120°/sec
Reproducibility accuracy	0,001°

Rangefinder

Scope	0 - 20 km
Wavelength	1 550 nm
Multi-target	Yes to x 5
Frequency	1 to 10 Hz

SYSTEM: FURTHER INFORMATION

- Supply: 24 Vdc
- Sealing: IP67
- Operating temperature: - 25°C to + 55°C
- Storage: - 20°C to + 60°C
- Protocol: SYT
- Weight: 65 kg