



## VIGILENS

### *Medium-Range Multifunction Handheld Camera*

- Infrastructure and Perimeter Surveillance
- Homeland Security and Immigration Control
- Law Enforcement & Policing
- Firefighting and Environmental Missions
- Search and Rescue Operations



**Sagem Défense Sécurité**  
SAFRAN Group



# VIGILENS

## Medium-Range Multifunction Handheld Camera

To detect, identify and locate any event, or person in danger, in all conditions: this is the purpose of **VigiLens**. Clear and accurate situational data are displayed in real time, allowing the operator to make the right decision at the right moment.

**VigiLens** helps you secure infrastructure and perimeters and take part in rescue operations, environmental missions and firefighting. Thermal and daytime color-image quality is provided by comfortable binoculars.

An embedded laser range finder, digital magnetic compass and a Global Positioning System provide accurate localization of any detected event.

Data, images and controls are managed to and from **VigiLens** using the latest multimedia interfaces for both input and output, making it compatible with a wide range of other systems (monitor, computer, etc).

**VigiLens** can be turned on instantaneously and operates noiselessly. It is energy efficient, using commercially available batteries or cells.

Highly compact, reliable and user-friendly, **VigiLens** is perfectly suited for law enforcement, homeland security, customs, border surveillance, immigration control, search and rescue operations, environmental projects and firefighting.

### Technical characteristics

#### Physical

- Weight: 2.3kg without battery
- Compact and noiseless

#### Thermal Channel

- Waveband 8-12µm (uncooled)
- Field of view: 7.6°x 5.7°
- Electronic zoom x2, x4, x8

#### Visible Channel

- Field of view: 3°x2°

#### Laser Range Finder

- Wavelength: 1.54µm
- Full eye-safe (class1, EN 60825-1)
- Range: 20m to 2,500m on truck target

#### Digital Magnetic Compass (DMC)

- Azimuth range: 360°
- Elevation range: ± 30°

#### Global Positioning System (GPS)

- Internal C/A type
- Accuracy: 3m CEP typical value

#### Power Supply Adaptor

- Internal: rechargeable Li-Ion battery or commercial cells pack
- External: 12 to 32VDC (with power supply adaptor)
- Autonomy: > 6 hours

#### Interfaces

- USB 2 (for image and video storage)
- RS 422
- Firewire for data & video
- PAL analogue video (or NTSC in Option)
- Standard 3/8" photo-like or 3 points interface

#### Operational temperature range

- -32° to +55°C

#### Accessories

Li-Ion rechargeable battery, battery charger, commercial cells pack, power supply adaptor, interface cables, tripod, carrying bag, portable monitor, etc.



#### Features Include:

- IR night vision
- Day color vision
- Laser range finder
- Digital magnetic compass
- Geo-positioning

#### Highlights:

- Compactness
- Noiselessness
- Reliability
- User-friendliness (four buttons)
- Multimedia input/output

### RANGES

#### Typical IR channel recognition ranges

Standing man  800m

Truck  1.7km

Fishing boat  2.5km

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