



## Observation and firing sniper sight

*Direct Optical Path,  
uncooled infrared  
and laser range finder*

- Day/night detection
- Day/night reconnaissance
- Day/night identification
- Direct optical path
- Uncooled infrared
- Automatic calibration
- Laser range finder
- Bluetooth



**Sagem Défense Sécurité**  
SAFRAN Group



# Observation and firing sniper sight

## DOP, uncooled infrared and laser range finder

Commanders need precise and reliable information collected by their men on the battlefield. As the sniper's job is largely based on intelligence gathering and long distance shooting, he must be equipped with powerful and reliable sighting and firing technology.



### Technical specifications

#### Infrared channel

- Spectral band: 8 to 12µm
- Uncooled bolometric sensor
- Resolution: 384x288 pixels
- Electronic field-of-view (FOV) switch
- Wide FOV: 4.1°
- Narrow FOV: 2.05°

#### Day channel

- Direct optical path
- Laser protection: 1.06µm
- Field: 2.7°

#### Telemetry

- Eye safe, class 1
- Typical range: up to 1500m

#### Display

- Monocular color OLED
- Screen: 800x600 pixels
- FOV: 25°

#### Mechanical

- Weight: <3kg
- Dimensions: 320x170x120
- Operating temperatures: -33° to +63°C
- Operating pressure: 548hPa to 1084hPa

#### Interface

- Removable waterproof connectivity
- A remote control can be used to operate the laser range finder and ensure accurate firing.

### Guaranteed accuracy

The sniper sight designed by Sagem Défense Sécurité meets these needs. It contains a direct optical path, an uncooled infrared channel for all-weather use, and an integrated laser range finder that allows the sniper to determine a firing distance or identify a potential target.

Lightweight (<3kg) and sturdy, the sight can operate on its internal battery or on the FELIN main power supply. It has an autonomy of three hours, with an automatic standby to save energy.

The Bluetooth link makes wireless communication possible, increasing soldier mobility.

The sight is networked and can be used for around-the-corner sighting and taking pictures.

The direct optical path's reticule (J8 SCROME type) is controlled by two circuits (lateral and vertical), which are used to adjust height and bearing.

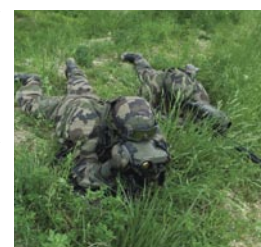
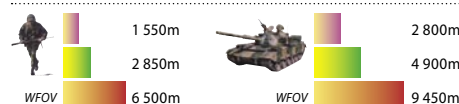
In infrared mode, the image is calibrated in less than one second automatically every ten minutes. Users can manually calibrate the sight and adjust the color of video inlays.

### Sniper sight

#### Typical IR Channel ranges



#### Typical Day Channel ranges



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