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# EUROFLIR™ 510

## The eye of the Tiger

- Armed reconnaissance
- Support & destruction
- Ground fire-support
- Anti-tank warfare
- Support & escort

Safran Electronics & Defense is introducing EUROFLIR™ 510 combat sight to meet Tiger attack helicopter users' evolving mission requirements, even for the most critical tasks.

### **Multispectral observation, day & night, all weather**

EUROFLIR™ 510 embeds 12 sensors, around a common multispectral telescope, including several observation channels (TV, NIR\*, SWIR\*, MWIR\*, LWIR\* & spotters), 4 types of lasers as well as an integrated see-spot.

### **Accurate targeting & designation**

- Precise and autonomous target geolocation,
- Cannon, missiles & rockets designation thanks to laser functions and embedded Inertial Navigation System(INS).

### **Advanced functions**

Enhanced detection & identification for greater mission effectiveness.

## Specifications

Safran Electronics & Defense is introducing Euroflir™ 510 to meet attack helicopters' evolving mission requirements, even for the most critical tasks. Euroflir™ 510 capitalizes on Safran's 40 years of experience in developing high-performance airborne electro-optical systems and is derived from Euroflir™ 410 and Euroflir™610 architecture.

### **Multispectral telescope & image processing capabilities**

Euroflir™ 510 operates in five spectral wavebands (visible, NIR/SWIR/MWIR/LWIR), allowing it to neutralize threats by both day and night. It brings the crew unbeatable observation performance, even in conditions of degraded visibility, offering the capability to function at high and very low altitude and high speed.

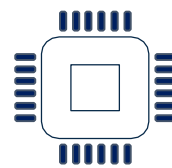
Thanks to all its sensors, combined with powerful embedded image processing capacities, the Euroflir™ 510 makes a major contribution to enhancing onboard visualization ergonomics. This reduces the cognitive load for operators during their missions: flying in degraded conditions, remote identification of missile security, gunnery and guiding of missiles and rockets.



**Multispectral & ultra long-range observation, day/night, all weather**



**Accurate targeting**



**Embedded decision-aid functions**



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