

ELECTRONICS & DEFENSE



EUROFLIR™ 410

ULTRA-LONG-RANGE ELECTRO-OPTICAL SYSTEM

- Multispectral & ultra-long-range observation, day/night, all weather
- Accurate targeting
- Embedded decision-aid functions

 **SAFRAN**

**EXTEND YOUR MISSION
REVEAL THE UNSEEN**

EUROFLIR™ 410

Ultra-long-range electro-optical system

NEW

Safran Electronics & Defense is now introducing a new-generation Euroflir™ 410 to meet users' evolving mission requirements, even for the most critical tasks, while also keeping workload manageable.

The Euroflir™ family capitalizes on Safran Electronics & Defense's 35 years of experience in developing high-performance airborne electro-optical systems. The combat-proven Euroflir™ 410 is already used on the NATO Helicopter Management Agency's (NAHEMA) NH90 helicopters and the French navy's AS565 Panthers, deployed in today's most demanding theaters.

The new-generation Euroflir™ 410 provides ultra-long-range observation and precision targeting capabilities thanks to high-definition sensors and advanced embedded functions, all in a single LRU.

Fixed wing	Rotary wing	< 53 kg	16"
UAV	Aerostat	Up to 10 sensors	
ARINC 429, Ethernet, RS 422 STANAG 4609, MIL STD 1553 bus		Geo-designation Video & Geo-tracking	
Digital Video: HD-SDI, Ethernet Analog Video: STANAG 3350A		4-axis stabilization & INS embedded	

0.4 μm
TV
0.7 μm

0.7 μm
NIR
0.95 μm

0.95 μm
SWIR
1.7 μm

3 μm
MWIR
5 μm

<p>MULTISPECTRAL OBSERVATION</p> <p>Wide field-of-view & ultra-long-range observation at the same time</p>	DAYTIME	LOW VISIBILITY & ACTIVE	DVE* & SEE-SPOT	24/7	
	Resolution: 1920 x 1080 FOVs: 25° up to 0.33° Type: continuous zoom E-zoom: down to x4	Resolution: 1920 x 1080 FOV: 0.39° E-zoom: down to x4	Resolution: 640 x 512 FOV: 0.55° E-zoom: down to x4 <small>*DVE = Degraded Visual Environment</small>	Resolution: 1280 x 720 FOVs: 33.3° up to 1.2° Type: continuous zoom E-zoom: down to x4	
	<p>ACCURATE TARGETING</p> <p>Precise target geolocation & designation thanks to full laser functions and embedded INS</p>	ILLUMINATOR	LASER RANGE FINDER		
		Wavelength: 830 nm Eye safety: 3B class	Wavelength: 1.54 μm Range: up to 20 km Eye safety: 1M class	POINTER	DESIGNATOR
	Wavelength: 830 nm Eye safety: 3B class	Wavelength: 1.06 μm Eye safety: 4 class STANAG 3733			
<p>EMBEDDED DECISION-AID FUNCTIONS</p> <p>Enhanced detection & identification for greater mission effectiveness</p>	IMPROVED AWARENESS	AUTOMATIC DETECTION	ENHANCED IDENTIFICATION		
	Moving map Augmented reality	Moving Target Indicators Hot Spot Detection	Enhanced resolution Fusion		

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