



Operational Requirement

DDM-NG has been designed to provide the Rafale fighter self-protection system (Spectra*) with an advanced Missile Warning System covering most of the sphere around the aircraft. In particular it provides the capability to detect Manpad missiles by detecting their burning engines.

The Solution

DDM-NG is a passive, imaging infrared Missile Warning System using the latest advances in sensor technology and processing algorithms.

DDM-NG takes advantage of the extensive and unique experience acquired on current DDM systems in service on French Air Force and Navy Mirage 2000 and Rafale aircraft.

The DDM-NG system's long detection range, spherical field of view and advanced software provides the highest level of performance.

Application to other platforms

DDM-NG can be easily integrated to other platforms due to its self-contained, compact design (Helicopters, Wide-bodies, Drones...) or even on ground for site protection.

Status

- In service on Rafale within Spectra EW System

Other applications

Thanks to the high-quality IR imagery produced by the DDM-NG sensor, many other applications can be foreseen on aircraft (Air Policing, Situational Awareness, Targeting, Assistance to navigation, Air Patrol, Anti-collision, "IR Black-Box",...). DDM-NG can also be installed on wide-bodied aircraft, helicopters or ground vehicles.

* In co-operation with Thales

- State-of-the-art IR staring array technology
- Long detection range
- Spherical field of view
- High angular accuracy compliant with DIRCM needs

DDM-NG

MISSILE WARNING SYSTEM FOR RAFALE



AIR

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Name

- **DDM-NG**

