

MP SIGHTS

MAN-PORTABLE SIGHTS
FOR MISSILE FIRING POSTS



- > OPTIMIZED FOR MISSILE LAUNCHERS
- > OPERATIONALLY PROVEN ON THE BATTLEFIELD
- > HIGH-PERFORMANCE COOLED MIDWAVE INFRARED
- > PORTABLE & SELF-POWERED
- > THERMAL IMAGER OR MULTIFUNCTION AVAILABLE



MP SIGHTS

Man-portable sights for missile firing posts



MP sights are man-portable thermal or multifunction imagers dedicated to missile firing posts, for applications such as anti-aircraft weapon systems.

Designed specifically for intimate integration with missile launchpads, the MP2 and MP3 sights provide an optimized solution in terms of firing accuracy, observation capability, weight and autonomy.



Available configurations

MP2 sight (MATIS MP2) is a thermal imager part of the MATIS family, with proven in-service operational efficiency and reliability in multiple armed forces.

MP3 sight is an advanced multi-function imager developed from the SATIS family. It features an advanced thermal channel (large format matrix detector and ultimate image processing), a day channel as well as target localization capabilities (integral GPS & Digital Magnetic Compass), bringing the best of optronics technology to missile firing posts. Both feature internal display and rechargeable battery and are optimized for integration on the MISTRAL anti-aircraft weapon system from MBDA.

Sagem's family of imagers for missile firing posts

MP sights are part of the family of imagers for missile firing posts, which is available for anti-tank or anti-aircraft applications, in "thermal imager only" or multifunction configurations, utilizing cooled or uncooled infrared detection. They capitalize on a 30 years experience on thermal technology for missile firing, and the success of Sagem's product line of thermal and multifunction imagers.



Technical specifications

Main features of MP2 sight

Physical and interface

- Dimensions: 395 x 170 x 190 mm
- Internal B&W micro CRT
- Analog video output: CCIR
- Remote control: RS422

Thermal imager

- Fields of view (H): 12° & 2.5°, e-zoom x2
- 320x240 matrix detector

Main features of MP3 sight

Physical and interface

- Dimensions: 355 x 217 x 192 mm
- Digital video output: Gigabit Ethernet
- Internal flat panel micro-display
- Remote control: Ethernet

Thermal imager

- Fields of view (H): 12° & 2.5°
- 640x512 matrix detector

Day imager

- Continuous zoom from 2.5° to 12.5°

Processing functions

- Global/local gain control
- Continuous e-zoom up to x8
- Digital image stabilization

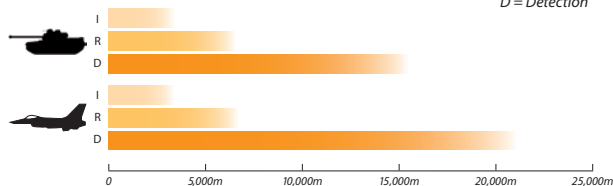
Localization

- Digital Magnetic Compass
- Global Positioning System (Internal C/A type)

Common characteristics

- Waveband (thermal): 3 to 5µm
- NETD: 50 mK at ambient temperature
- Weight: ≤ 6.4kg (without battery)
- Power supply: Rechargeable battery or external
- Autonomy: 5-7 hours (at ambient temperature)
- Noise level: inaudible at 50m
- Climatic: -32°C to +64°C
- Qualified according to MIL-STD 810 & MIL-STD-461
- Tactical bag and battery chargers available

MP3 ranges



I = Identification
R = Recognition
D = Detection

- High-performance cooled 3-5µm IR
- Available with large format detector & multifunction configuration
- Superior line-of-sight stability

SAGEM

Arcs de Seine – 18/20 quai du Point du Jour - 92659 Boulogne-Billancourt Cedex - France
Tel.: + 33 1 55 60 40 20 - Fax: + 33 1 55 60 38 95 - www.sagem.com

SAFRAN
Sagem