

MOST

**THE OPTRONIC MAST
FOR LAND SURVEILLANCE**



- > FITTED WITH JIM MULTIFUNCTION BINOCULARS
- > 360° PANORAMIC SURVEILLANCE
- > TARGET DETECTION & ACQUISITION
- > PROTECTION OF ARMED FORCES & HIGH-VALUE SITES
- > SURVEILLANCE OF COASTAL ZONES & BORDERS



MOST

The optronic mast for land surveillance



The MOST system, vehicle-mounted or fixed and featuring JIM infrared binoculars, is perfectly suited to long-duration day/night surveillance missions. Featuring a modular design, it allows warfighters to stay protected, or quickly remove the binoculars for dismounted use.



MOST combines panoramic surveillance, threat identification and location to meet the demanding requirements of both military and homeland security operations: reconnaissance and intelligence, force protection, coastal and border surveillance, protection of high-value sites, etc.

The user-friendly control software uses the 360° panoramic view to manually home in on points of interest (on a touch console), or automatically detect and track targets.

MOST is easily installed in a variety of configurations:

- armored vehicles and light infantry vehicles (roof, mast or rear)
- fixed telescopic masts
- shelters

It is fully interoperable with Safran Electronics & Defense's entire range of JIM binoculars, as well as with the company's CM3 optronic imagers.



- Modular design
- Easy to install
- User-friendly touch console
- Automatic target detection and tracking
- Digital video recording
- Ruggedized & reliable



Technical specifications

Optronic sensor

JIM LR (cooled thermal imager) or JIM UC (uncooled thermal imager) for:

- Day/night observation
- Geolocation of target

Functions

- 360° panoramic surveillance
- Threat identification and location
- Recording of geolocated images
- Target location on digital map (optional)

Pan & Tilt Platform

- nx360 azimuth
- +/- 40° elevation
- Angular speed up to 50°/s
- MIL-spec, IP67

Command/Control

- Manual control of the platform in azimuth and elevation
- Pinpoint selections on the panoramic display
- Selection of preset points of interest
- Automatic or semi-automatic detection (optional)
- Automatic moving target tracking (optional)

Power supply

- Batteries
- Electric generator
- Vehicle power supply

Optional equipment

- Radio communications system
- Acoustic sniper detection
- GPS north finder or inertial navigation system
- Battlefield Management System
- Radar-slaved target designation

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