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 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.

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**
- ±360° 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

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.