

OBSIDIAN

Mobile Intelligence, Surveillance and Reconnaissance Vehicle (MSRV)

■ SFX-3302 MISR



Safex

Safex Aerospace Systems GmbH | info@safex-sas.de | www.safex-sas.de

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General

SAFEX SFX-3302 OBSIDIAN MISR is a family of modular, mobile, day and night integrated Intelligence, Surveillance and Reconnaissance Vehicles (MISR), capable to operate in rough terrain and to perform ISR missions in all weather conditions. The SFX-3302 MISR detects, identifies and tracks targets in areas of interest and creates a real-time situational awareness picture. The high mobility OBSIDIAN MISR can be rapidly deployed in any terrain and operated either independently or as a part of a central network, making it ideally suited for covert support of maneuvering forces or border protection, for military, para-military and policing security missions.

Features

- Includes an ISR suite and a command and control station.
 - Ground surveillance radar for monitoring ground moving targets.
 - Day and night electro-optical sensor with optionally embedded laser capabilities (LRF, designator or pointer).
 - Optical (short wave IR) missile launch detector.
 - COMINT/DF system.
- Advanced ground surveillance radar:
 - Wide coverage (up to 360°), with high revisit time
 - Tracking movements while continuously monitoring area of interest
 - Automatic target classification – classifies target type (animal\human\vehicle)
- Full integration between sensors – E\O slewable to radar detections
- Accurate Target Acquisition for closing sensor to interceptor cycles
- Command and control subsystem features:
 - Plan and manage ISR missions over areas of interest
 - Display the situational awareness picture
 - Embedded recording and debrief system
 - Fully controlled by a single operator
- Various mobile platforms – the ISR systems modular design allows installation on various vehicles such as trucks, jeeps, ATVs, APCs, shelters or trailers, according to customer requirements



All Terrain Vehicle (ATV) ISRV



4X4 Vehicle ISRV



Trailer ISRV