

DEFENCE AND SPACE
Intelligence

Fortion[®] MSSV

Multi-Sensors Surveillance
Vehicle



AIRBUS

Optimal Surveillance in any Terrain

Fortion® MSSV is an operational system dedicated to Land forces in charge of surveillance of sensitive areas. It is specifically designed for missions where sensor mobility is required.

It offers the capability of observation, detection, tracking, classification, identification, decision and action/response (OODA-Loop) against security threats. It is applied in:

- Border Surveillance
- Camp Protection
- Critical Area Surveillance
- Terrorist Tracking

Operations in Harsh Environments

Integrated in an all-terrain vehicle, based on a Mercedes Zetros 6x6, the solution ensures reliable performance, even amid challenging off-road conditions.

Equipped with a stabilization system and a shelter, the system can operate as

a light stand-alone Operational Centre in any terrain from varying locations in the Area Of Responsibility (AOR).

It represents an agile mobile surveillance solution perfectly adapted to desert environments and the requirements of wide surveillance areas. It provides increased surveillance capabilities for quick reaction.

Equipment for Detection and Identification

Fortion® MSSV is equipped with:

- a ground surveillance radar for automatic detection and tracking
- a high resolution infrared camera, a daylight camera and an Eye-Safe Laser Range Finder, for identification.

In order to share information, various communication means (from V/UHF radio to broadband satellite transmission) are integrated.

Complete View Through Multiple Screens

Its dual screen workstations enable a clear and detailed view of the AOR while the dedicated camera window displays the video flow and enables a quick access to camera controls, tunings and tools.

Surveillance Performance

Radar detection range:

- Single person: 10 km
- Light vehicle: 25 km
- Large vehicle: 30 km

Thermal camera performance:

- Spectral range: 3.5 to 5.0µm
- FoV: continuous zoom, 0.75° (H) x 0.56° (V) to 9.38° (H) x 7.00° (V)

CCD camera performance

- FoV: continuous zoom, 0.5° to 12.3°



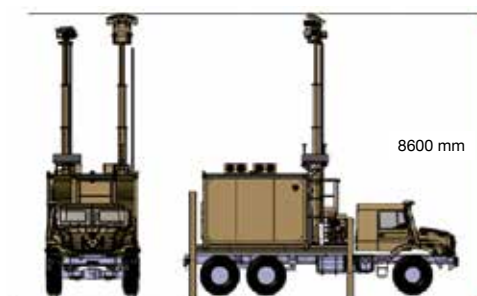
Key References

Deployment

- Middle East Countries

Target markets

- Armed Forces worldwide



Key Benefits

- Can be used as an Operational Center in its Area of Responsibility to coordinate Rapid Response Vehicle
- Easy to deploy and autonomous solution to rapidly secure specific fields of operation
- Integrated mobile surveillance solution, combined with a mobile command and control center
- Ruggedized for harsh environments to execute planned surveillance or reaction to critical incidents
- State of the art communication and monitoring equipment
- Component of the Airbus' Fortion® C5ISR solution family providing compatibility with Airbus' TacticalC2
- Can be operated by a crew of two

Airbus Defence and Space

Australia, Brazil, China, Finland, France, Germany, Hungary, Singapore, Spain, United Kingdom, United States

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