



MUGAS MOBILE MAST MOUNTED SURVEILLANCE SYSTEM







MUGAS MOBILE MAST MOUNTED SURVEILLANCE SYSTEM

Capabilities

ASELSAN MUGAS Mast Mounted Security System is a mobile security and surveillance system including high-tech electronic subsystems and the security management software for the control of these subsystems. MÜGAS is developed to ensure the limited period surveillance and security needs of troops through detection, identification and tracking of potential threats independent of location and infrastructure installation.

- Surveillance and Detection needs of mobile troops in all weather conditions,
- Fast transfer with trailer connected to vehicle or with helicopter,
- Wireless communication with Security Management
 System
- Analysis, process & management of sensor information through security management software and optional monitoring capability from internal Network.

MUGAS System includes following subsystems

- Long range day and night surveillance system according to user needs
 - EO/IR Sensor System
 - Ground Surveillance Radar
- Gunshot Detection System
- Target distance measurement by laser distance meter
- Integrated structure within the trailer including auxiliary power system and telescopic mast extendable up to 12 meters
- Lightning protection of the system by lightning rod
- Power infastructure feedable from the electricity grid or generator
- Optional wireless sensor networks (Detection of approaching threats by Sismic, PIR sensors)
- Management of sensors by Security Management
 Software
- Remote control of the system

Security Management System

- Minimizing the effect of vibration on the mast by electronic stabilization
- Management & engagement of sensors
- Warning of user in case of an alert
- Motion detection
- Target tracking
- Change detection
- Illustration of the location of sensors and targets on a 3D dijital map
- Calculation the location of target coordinates
- Video and image recording
- Reporting compatible with different security levels





