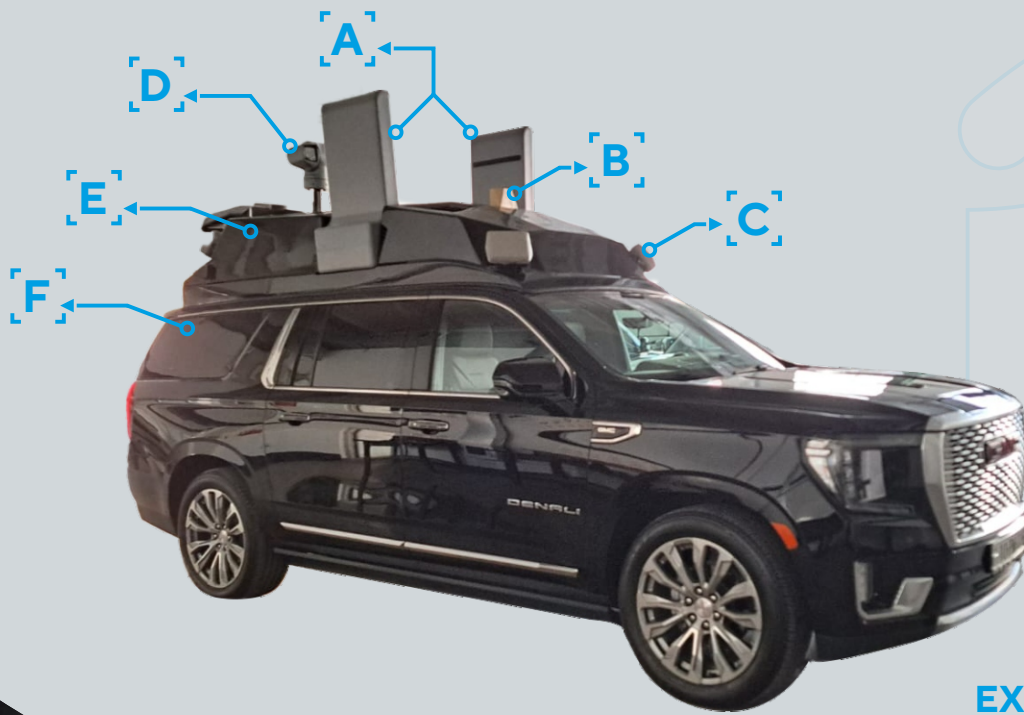


DATA SHEET

TUR-CAR MOBILE *Drone Defence Systems*

AI-powered multi-layer, mobile drone detection unit





MULTI SENSOR FUSION

EXTERIOR

- [A]  Jamming antennas
- [B]  RF sensors
- [C]  Radars
- [D]  PTZ camera
- [E]  Other sensors
- [F]  Control Center Units



COMMAND CENTER

- [G]  Smart Energy Monitor
- [H]  Central Control Unit
- [I]  Operator Control Unit
- [J]  49" LED Central Display

TUR-CAR MOBILE

Drone Defence Systems

AI-powered drone Detection, Tracking and Identification (DTI) solution in a mobile platform attached on a SUV. Mobile platform enhanced with Multi-Sensor Fusion (MSF) and Command Center.

Key features

- # Auto setup for jamming antennas and PTZ camera
- # Multi-sensor set-up can include RF, radar, cameras and more
- # Autonomous C2 with AI/ML enhanced sensor fusion
- # Cloud-enabled software allows for easy access across locations and operators
- # Integrated smart energy system with li-ion batteries and smart generator
- # Up to 10 hours work time on battery with full charge
- # On the move drone and drone direction detection
- # Instant data sharing with command center
- # Optional deployable area protection mode
- # Built-in drone library and unique drone DNA RF identification



Specifications

Setup time	Less than <5 min
Sensors	RF passive sensors, 3D MESA Panel Radars, High speed PTZ camera and more
Command Software (C2)	Multi-Sensor Fusion and AI powered software
RF classification	Over 200 drone types, constantly updating new drones
Power	Source 1: Car alternator Source 2: Landline AC up to 2000 W Source 3: Integrated generator (gas), up to 1500 W Source 4: Optional solar panels (not included)
Protection Range	Up to 5 km radius
RF range	Under ideal conditions up to 5.0 km radius for specific drones Under normal conditions 2.0 km radius for most drones
Radar range	Up to 1 km directional
Jamming Range	Up to 1,5 km radius
PTZ range	Up to 1 km / 30x optical zoom under clear sky and daytime conditions
Connectivity	LTE / Dual SIM, VPN connaceton
Folded L x H x W	585 cm x 275 cm x 235 cm (with vehicle)
Upright L x H x W	585 cm x 310 cm x 235 cm (with vehicle)
Weight	~500 kg (without vehicle)

OMS DEFENCE
OMS SAVUNMA A.Ş.

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