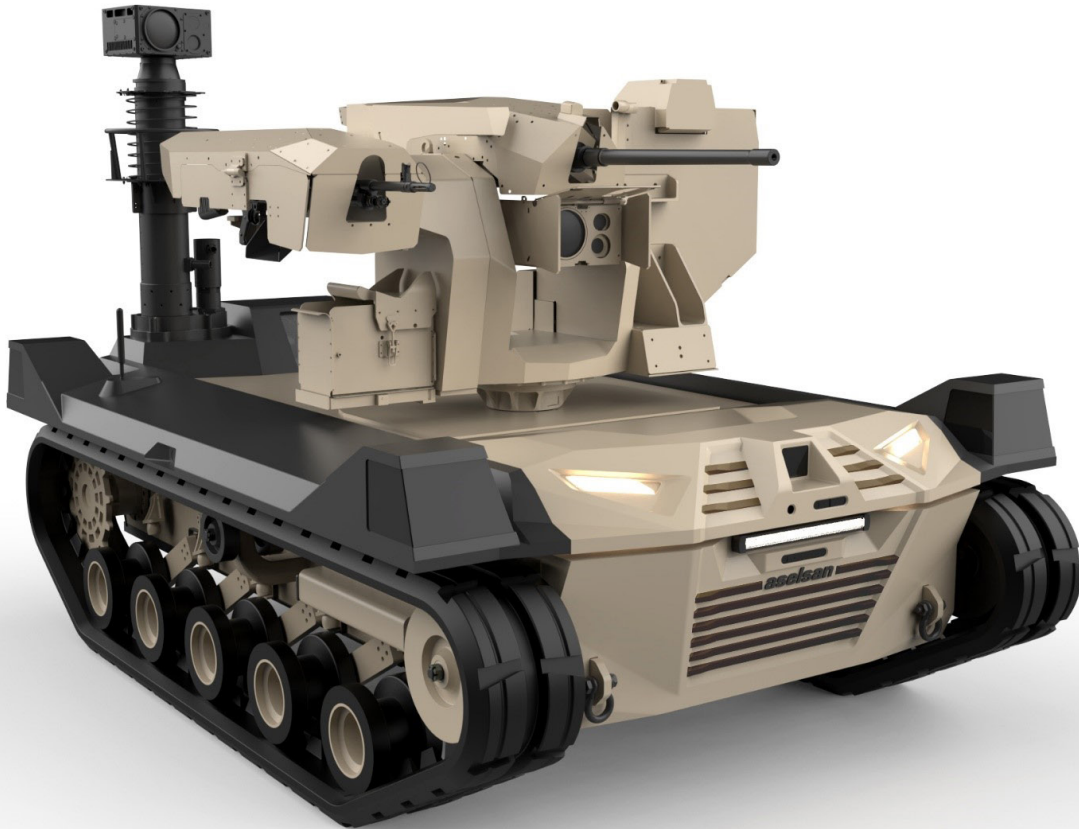


# ERTUNGA

UNMANNED GROUND VEHICLE

STABILIZED WEAPON SYSTEM  
TELESCOPING SURVEILLANCE SYSTEM  
REMOTE AND AUTONOMOUS CONTROL  
SITUATIONAL AWARENESS  
LOGISTICS TRANSPORT  
LASER GUIDED TACTICAL MISSILE SYSTEM (OPTIONAL)





# ERTUNGA

## UNMANNED GROUND VEHICLE

ERTUNGA is an Unmanned Ground Vehicle with high mobility and an enduring platform that can be controlled autonomously or remotely. Mission-specific payloads, such as SARP DUAL, Laser Guided Tactical Missile System (Optional) can be mounted on ERTUNGA, and the missions, such as surveillance, reconnaissance, target designation, protection and assault can be successfully performed under harsh environmental conditions.

ERTUNGA can be controlled remotely with the control console, as well as moving over environmental obstacles without the need for an operator thanks to its autonomy features. The vehicle can autonomously perform border patrol on defined route.

### Technical Features

- Width : 200 cm
- Length : 300 cm
- Height : 175 cm
- Weight : ≤ 2500 kg
- Max. Speed : 18 km/h
- Control Range : ≤ 5 km
- Drive System : Electric Motor
- Operating Temp. : -20°C to +49°C

### Mobility

- Gap Crossing : ≤ 80 cm
- Steep Slope : ≤ %60
- Side Slope : ≤ %30
- Vertical Obstacle : ≤ 40 cm
- Fording Depth : ≤ 50 cm

### Communication

- Radio Frequency (RF)
- 4G/LTE Communication Support
- Wired

### Autonomy Features

- Sensor Fusion
- Passable Area Detection
- Obstacle Detection
- Path Detection
- Dynamic Path Planning
- Day/Night Autonomous Mobility Capability
- Autonomous Mobility Capability in case of Communication Loss
- GNSS Denied Autonomous Operation

### General Features

- Front & Rear LED Lighting
- Front & Rear IR Lighting
- Front & Rear Driving Camera
- 360° Surround View Camera System
- Two-Way Microphone and Speaker
- Autonomy Sensors
- GNSS System
- Anti-jam GNSS
- Front Thermal Driving Camera

### Payload Options

- SARP Dual Weapon System
- 76 mm Smoke Grenade Launcher
- Load Case
- Telescoping Surveillance System
- Load Carrying Kit
- Tethered Drone System (Optional)
- Laser Guided Tactical Missile System (Optional)

### Weapon System

- **SARP Dual Weapon System**
  - Day & Night Vision Capability
  - Remote Firing Capability
  - Shoot-on-the-move Capability for Stationary and Moving Targets
  - Stabilization and Automatic Target Tracking
- **Weapon Options**
  - Main Weapon : 40 mm Grenade Launcher
  - : 12.7 mm Machine Gun
  - : 7.62 mm Machine Gun
  - Coaxial Weapon : 7.62 mm Machine Gun

### Control Console

- Two Control Consoles (UGV Operator, Weapon System Operator)
- Portable
- Wireless/Wired Control
- Autonomous Mission Planning/Execution
- Real Time Streaming and Video Recording

### Transportation

- Lifting Lugs

