



150M1 LRAS, 150M1/G
UNMANNED GROUND VEHICLE

#LandandWeaponSystems



SARP 100/L STABILIZED WEAPON SYSTEM
LONG-RANGE ACOUSTIC SYSTEM
REMOTE AND AUTONOMOUS CONTROL
TELESCOPING SURVEILLANCE SYSTEM



aselsan



150M1 LRAS, 150M1/G UNMANNED GROUND VEHICLE

ASLAN 150M1 LRAS and 150M1/G ; is an Unmanned Ground Vehicle with high mobility that can be controlled autonomously or remotely. ASLAN can be used for reconnaissance, and surveillance; SARP 100/L weapon system, and Long-Range Acoustic System or other required systems can be mounted on the vehicle.

ASLAN 150M1 LRAS and 150M1/G; can be controlled remotely with the vehicle control console, as well as moving over environmental obstacles without the need for an operator and can autonomously perform border patrol on defined route thanks to its autonomy features.

Technical Features

- Width : 135 cm
- Length : 185 cm
- Height : 145 cm
- Weight : ≤ 750 kg (Payload Included)
- Max Speed : 10 km/hr
- Control Range : ≤ 1,2 km
- Working Time : ≤ 7 Hours
- Drive System : Electric Motors
- Operating Temperature : -20°C - +49°C

Mobility

- Gap Crossing : ≤ 60 cm
- Steep Slope : ≤ %60
- Side Slope : ≤ %30
- Vertical Obstacle : ≤ 20 cm
- Stair Climbing : ≤ %30
- Fording Depth : ≤ 40 cm

Communication

- Wireless/Wired
- 4G/LTE Communication Support

Autonomy Features

- Sensor Fusion
- Passable Area Detection
- Dynamic Path Planning
- Day/Night Autonomous Mobility Capability
- Autonomous Mobility Capability in GNSS Interruption
- Autonomous Mobility Capability in Communication Interruption



General Features

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

Payload Options

- SARP 100/L Weapon System
- Long-Range Acoustic System (ASLAN 150M1 LRAS Optional)
- Telescoping Surveillance System
- Load Case

SARP 100/L Weapon System Options

- Day & Night Surveillance
- Remote Firing Capability
- Shoot-on-the-move Capability for Stationary and Moving Targets
- Automatic Target Tracking
- 7.62 mm FN MAG58 Machine Gun

Operator Control Unit

- Portable
- Wired/Wireless Control
- Autonomous Mission Planning/Execution
- Near Real Time Video Streaming and Recording

Transportability

- Carrying Trailer
- Lifting Lugs



Specifications are subject to change without any notice. | All tolerances are within ±10%.

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