

ASLAN

UNMANNED GROUND VEHICLE

SARP-L STABILIZED WEAPON SYSTEM

TETHERED DRONE SYSTEM

LONG-RANGE ACOUSTIC SYSTEM

REMOTE AND AUTONOMOUS CONTROL

TELESCOPING SURVEILLANCE SYSTEM

LASER GUIDED MINI MISSILE SYSTEM





ASLAN

UNMANNED GROUND VEHICLE

ASLAN is an Unmanned Ground Vehicle with high mobility that can be controlled autonomously or remotely, which can be used for reconnaissance, surveillance and on which the Laser Guided Mini Missile System, SARP-L weapon system, Tethered Drone System and Long-Range Acoustic System or other required systems can be mounted.

ASLAN 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 Temp. : -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-L Weapon System
- Tethered Drone System (Optional)
- Long-Range Acoustic System (Optional)
- Laser Guided Mini Missile System (Optional)
- Telescoping Surveillance System
- Load Case

SARP-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