



TECHNICAL CHARACTERISTICS

DIMENSIONES

Height: 1300mm
 Length: 1700mm
 Width: 900mm
 Track Width: 700mm
 Angle of Attack: 30°
 Clearance: 180mm

PESO

295kg
 Load Capacity: 300kg

MOVILIDAD

Motorization: 2 electric motors
 Maximum speed: 15km/h
 Autonomy: 6/10 hours depending on load.
 Batteries: 2 (Lithium Lifo)
 Traction Type: Caterpillar

MATERIALES

Polymers and steel



UGV Scout

The future in exploration

UGV Scout, was designed as a multipurpose platform in which different accessories can be configured to cover multiple needs. Basically equipped with a robust and military communication system capable of transferring large volumes of encrypted data accomplishing the highest security standards.

Functions

UGV Scout can carry out long-distance observation tasks, it can find people and vehicles up to 4 km away within full darkness, its track system makes it ideal for traveling on any terrain. It has configurable accessories and can even carry or pull loads. Its platform allows placing a robotic arm to take samples or handle unexploded ammunition.



EQUIPMENT

VIDEO SYSTEM

Bispectral PTZ with 52X Optical System
 Base 360° Thermal Vision
 Vehicle Detection: 4000m
 People Detection: 1470m
 4 Fixed Cameras in 360°

NAVIGATION

360° solid-state 3D LiDAR (optional)
 GPS antenna
 Anti-Collision Sensors
 3D camera (optional)

COMMUNICATION

RF / Wi-Fi / 4G / 5G (optional)
 Military Communication System
 Bidirectional Audio System (optional)

SENSORS

Gas emission(optional)
 Oxygen Quality(optional)
 Temperature(optional)
 Humidity(optional)
 Others(optional)

MEDICAL SENSORS

Pressure(optional)
 Fever(optional)
 Heart rate (optional)
 Others(optional)

OPTICAL SCANNERS

QR/ Barcodes (optional)
 RFID(optional)
 Others(optional)

ILLUMINATION

High Intensity Led Headlights
 rear led position light
 Trolley with rescue accessories (optional)

ESPECIAL FUNCTIONS

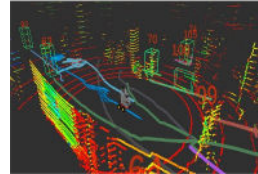
Robotic arm for sampling
 Robotic arm for handling unexploded ordnance
 Backpack Carrier (up to 300kg)

DRIVING

Autonomous and Manual
 Quick deployment case.



Work temperature:
 -40°C + 70°C
 Image Stabilization
 150m night vision



Environment can built through multiple sensors which in turn allow safe and autonomous navigation.



Military Communication System, coverage expansion through Mesh network. Transfer rate up to 100 mbps for audio and video.

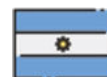


Multiple configurable sensors depending on the mission needs.



Support

- Technical service on site.
- Integration and special projects.
- Training and coaching



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