



UGV Fox

Unmanned Ground Vehicle

TECHNICAL FEATURES

DIMENSIONS

Height: 1300mm.
 Length: 1700mm
 Width: 900mm
 Track width: 1200mm
 Angle of attack: 30°.
 Clearance: 220mm

WEIGHT

295kg
 Load Capacity: 300kg

MOBILITY

Motorization: 2 electric motors
 Maximum Speed: 15km/h
 Autonomy: 6/10hs
 Batteries: 2 (Lithium Lifo)
 Traction Type: Caterpillar

MATERIALS

Polymer and steel

The future in exploration

UGV Fox, designed as an exploration and reconnaissance platform by means of which information can be collected without putting human lives at risk. It is equipped with a robust communication system capable of transferring large volumes of data in encrypted form. All this information is received in its rapid deployment case in real time.

Functions

UGV Fox can perform long distance observation and reconnaissance tasks, as well as search for people and vehicles in total darkness. Its crawler system makes it ideal for any terrain. It has configurable accessories and can even carry loads or mount armament.



EQUIPMENT

CAMERAS

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

NAVIGATION

LiDAR 3D Solid State 360° Cameras
Centimeter GPS Antenna
Anti-Collision Sensors
3D Camera (optional)

COMMUNICATION

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

SENSORS

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

LIGHTING

High Intensity LED headlights
Rear position LED light
Nato illumination (optional)

ACCESSORIES

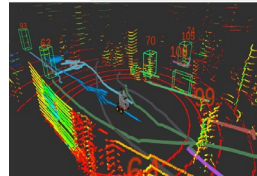
Trolley with rescue accessories (optional)
Robotic arm for sampling
Robotic arm for handling unexploded ordnance
Backpack carrier (up to 300kg)

DRIVING

Autonomous and Manual
Rapid deployment case.



Working temperature:
-40°C + 70°C
Image stabilization
Night vision of 150m



Multi-sensor environment formation which in turn allow for safe autonomous navigation.



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



Multiple configurable sensors depending on the need of the mission.



Support

- On-site technical service.
- Integration and special projects.
- Training and coaching



Made in Argentina