



## UGV - Unmanned Ground Vehicle



### TECHNICAL FEATURES

DIMENSIONS

Height: 1400mm  
 Length: 3000mm  
 Width: 2600mm  
 Track width: 1500mm  
 Angle of attack: 40°  
 Clearance: 450mm

WEIGHT

1250kg  
 Load capacity: 3000kg  
 Dragging capacity: 6000Kg

MOBILITY

Motorization: 2 Electric Motors  
 Power: 408 HP  
 Hybrid power supply  
 Maximum speed: 35km /h  
 Autonomy: 12hs (optional higher)  
 Track Tread: 450mm  
 Air-Transportable: YES

OTHERS

Nato lighting  
 Hybrid vehicle  
 Auto internal fire extinguishing.

### Multiplatform

The UGV Mule was designed as a multifunctional platform with **artificial intelligence**, featuring **more than 440 video analytics** for information gathering and decision-making in the field, was designed as a multipurpose platform that can be transformed as needed, from a logistics platform to a missile launching base, thanks to its robust structure and powerful engines, it can carry more than 2 tons or tow vehicles of 6 tons. Its electronic components platform makes it easy to integrate the software and hardware necessary for any operation.

### Functions

- Supply Transport
- Exploration Vehicle
- Demining Vehicle
- Search and Rescue
- Distribution Logistics Chain
- Forward Observer
- Casualty Transport
- Advanced Communication Node
- Fire Outreach UGV
- Missile Base



## BASIC EQUIPMENT

### VIDEO

4 Fixed 360° Cameras  
1 Depth Camera  
Digital Image Recorder

### NAVIGATION

360° Solid State 3D LiDAR  
High Centimeter Accuracy RTK GPS  
AntiCollision Sensors  
RF / WiFi / 4G / 5G

### COMMUNICATION

Military Communication System  
Bidirectional Audio System  
MESH Communication System

### ELECTRONICS

Redundant Control Systems  
220V Power Generation  
External USB Ports  
Manual Generator Control Panel  
Automatic Heating and Cooling

### HIGHLIGHTS

Air-Transportable Integrated Linga Kits  
Winch  
Side lockers  
Central storage lockers

### OPERATION

Suitable for all terrain  
Operating Temp: -40°C to 50°C (-40°F to 122°F)  
Submersible 1000mm (with snorkel accessory 1400mm)

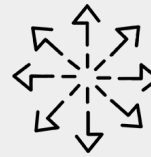
### LIGHTING

Natural Lighting LED Focused Lighting  
Rear position light  
Flashlight Kits (optional)

### REMOTE CONTROL

Autonomous Waypoint Driving  
Quick Deployment Case  
Short Range Control  
Target Tracking

Multifunctional control station resistant to water, shock and dust. Rapid deployment with a robust Intel i5 system and industrial standard keyboard, it also has two screens, joysticks for control of the UGV and robotic arm or other accessory.



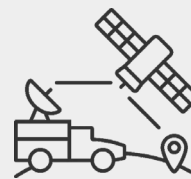
### Multipurpose Base with IA

Adapts to the needs of the operation with over 440 built-in video analytics



### Autonomous Vehicle

Able to navigate autonomously to the target and be observed from a distance taking control if necessary



### Communication System

**Military**, extension of coverage via Mesh. Transfer up to 100 mbps for audio and video.



### Multi-Armament

Its platform can be adapted to accommodate different types of weaponry.



## Support

- Local technical service.
- Integration of special projects.
- Training and support.

