



UGV BULL – Unmanned Ground Vehicle



TECHNICAL FEATURES

DIMENSIONS

Height: 1510mm
 Length: 2045mm
 Width: 1220mm
 Track Width: 1150mm
 Front Angle: 30°
 Clearance: 400mm

WEIGHT

Weight: 750kg
 Load Capacity: 1500kg
 Winch capacity: 2000kg
 Motorization: 2 electric motors

TECH SPECS

Power: 220CV
 Hybrid
 Maximum speed: 10km/h
 Autonomy: 12 hours (more autonomy option available)
 Track: 225mm

OTHERS

Polymers and steel



Multi-platform vehicle

The UGV BULL was designed as a multifunctional platform with **artificial intelligence**, featuring **more than 440 video analytics** for information gathering and decision-making in the field. It is capable of performing logistics-related tasks (up to 500 kg), serving as an exploration vehicle, or acting as a front-line vehicle that transmits live video through its powerful camera with military-grade communications. These key specifications allow the BULL to be used in multiple environments, both in the private and public sectors.

Functions

Limit is your imagination:

- Supplies transportation (up to 500kg)
- Exploring vehicle
- Fronting vehicle
- Communication hub
- Firefighter
- Multiple armament
- Drone launch base
- Crack detection in frozen lands



STANDARD EQUIPMENT

VIDEO

4 Fixed cams in 360
1 BIESPECTRAL CAM (Visual + THERMAL)
DVR

NAVIGATION

GPS antenna
Anti-Collision Sensors
RF / WiFi / 4G / 5G
3D LiDAR (optional)

COMMUNICATION

Military Communication System
Bidirectional Audio System (optional)
MESH communication system

ELECTRONICS

On board PC
USB external ports
RJ45 external port
Stand alone video storage

NOTABLE

Gen manual operation
Automatic heating or refreshing system
Airtransportable
Slings kit (optional)
Side trunks

OPERATIVE

All terrain certified
Working temp. : -40°C to 50°C
Hybrid Motor

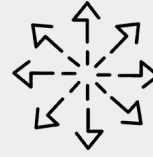
LIGHTING SYSTEM

Nato lights (optional)
Focused LED lights
Rear lights
Front LED lights

REMOTE CONTROLLER

Autonomous driving trough Waypoints
Control case
Short distance control
Target following

Multifunctional control station water, shocks and dust resistant. Quick deployment with a tough and industrial system. It has two screens, joysticks to control the UGV and a robotic arm or other accessory.



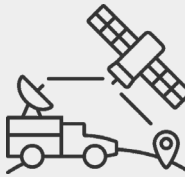
Multipurpose Base

It can be adaptable depending on needs.



Autonomous vehicle

It is capable of autonomously navigating to the target and being observed from a distance taking control if necessary.



Military grade comm system,

enlargement coverage via Mesh. Transfer rate up to 100 Mbps for audio and video.



Multi-Armament

platform is capable to adapt different types of weapons



Support

- Local technical support.
- Special projects.
- Training and coaching.

