



CARACTERÍSTICAS TÉCNICAS

DIMENSIONS

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

WEIGH

295kg

MOVEMENT

Motorization: 2 electric motors
 Maximum speed: 15km/h
 Autonomy: 10 hours.
 Battery: 2 (Lithium Lifo)
 Movement Type: Caterpillar

MATERIALS

Polymers and steel

UGV Scout

Vehículo NO Tripulado

El futuro en **vigilancia**

UGV Scout was designed to be used as a support in several areas, for search and rescue tasks but also for patrolling in tough environments. Our UGV can work within dangerous environments such as places with explosion risks (i.e. gas or fuel spillage), or on a collapse risk. In those places UGV Scout can surveill, transmit online or carry supplies and medicines or transfer wounded people.

Funciones **productivas**

In addition to safety functions, UGV Scout through AI can (optionally) adopt control functions such as detecting if safety shoes, hard hats and/or glasses are used by operators, taking temperature from a gauge or taking temperatures with a thermal camera, boiler, can learn about products, packaging, face identification, car plates reading, notify about broken wires or cutted silo bags, etc. Working with AI we can teach the UGV how to identify diverse objects and unexpected situations.



EQUIPMENT

CÁMARAS

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

NAVEGACIÓN

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

COMUNICACIÓN

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

SENSORES

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

SENSORES MÉDICOS

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

LECTORES

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

ILUMINACIÓN

High Intensity Led Headlights
Rear led lights
Trolley with rescue accessories (optional)

FUNC. ESPECIALES

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

CONDUCCIÓN

Autonomous and Manual
Quick deployment case.



Benefits

- Life and property protection
- Quality of data collection improvement.
- Production processes improvement.
- Perimeter and EHS under control.
- Scout can learn specific tasks to meet different needs.
- Reduce attack risks on personnel who surveill perimeters.
- Works in any surface and weather conditions.
- Reduce problems about personnel absences.
- Reduce labor costs.



Markets

- All type of industries
- Forestry industry
- Surveillance companies
- Energy Sector: Mining, Oil and Energy Transportation.
- Airports and Ports.
- All Forces (incl): Civil Defense and Firefighters.
- Logistics and Transportation
- Can work within Penitentiary Centers
- Entertainment: Hotels, Casinos, Theme Parks, and Stadiums.
- Private Neighborhoods



Soporte

- Technical service on site.
- Special projects.
- Training and coaching.
- 1 year warranty.



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