

UGV Scout

Vehículo NO Tripulado

CARACTERÍSTICAS TÉCNICAS

MENSIONS

Height: 1300mm Length: 1700mm Width: 900mm

Track Width: 700mm Front Angle: 30° Clearance: 180mm

VEIGH

295kg

OVEMENT

Motorization: 2 electric motors Maximum speed: 15km/h Autonomy: 10 hours.

Battery: 2 (Lithium Lifo)

Movement Type: Caterpillar

MATERIALS

Polymers and steel



El futuro en vigilancia

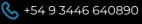
UGV Scout was designed to be used as a support in several areas, for search and rescue tasks but also for patrolling in tough environments.

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

Bispectral PTZ with 52X Optical System Base 360° Thermal Vision Vehicle Detection: 4000m

People Detection: 1470m

4 Fixed Cameras in 360°

360° solid-state 3D LiDAR (optional)

GPS antenna

Anti-Collision Sensors 3D camera (optional)

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

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

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

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

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

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

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
- 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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FUNC. ESPECIALES



