

MOVEWER TECHNOLOGIES

CEROS

Folder



DESCRIPTION

CEROS is a light and modular ground vehicle developed to carry different types of payloads and perform various operations involving cameras, sensors, inspection equipment, logistical resources, and operational support systems. Robust, versatile, and affordable, CEROS extends the reach of teams, reduces human exposure to hazardous environments, and performs tasks with greater and better quality, safety, and flexibility.

Its ability to operate in confined spaces, hard-to-reach areas, uneven terrain, rural areas, plantations, and environments that pose risks to human teams makes CEROS a safe and efficient alternative for applications in civil defense, agriculture, industry, security, monitoring, and data collection. The rubber track system provides mobility and traction on surfaces such as dirt, grass, gravel, asphalt, and indoor floors. Equipped as standard with an FPV camera and GNSS system, the vehicle enables remote operation with real-time vision and Autonomous Navigation, and can receive environmental, thermal, agricultural, industrial, or security sensors according to the requirements of each operation.

Its modular architecture facilitates adaptation to different scenarios, including infrastructure inspection, perimeter monitoring, emergency support, equipment transportation, precision agriculture, area reconnaissance, and field information gathering. More than a multifunctional vehicle capable of carrying out operations, CEROS functions as a platform for exploration and data acquisition. This combination makes it possible both to optimize existing activities and to **enable new operations in the industrial, agricultural, civil, and defense sectors, integrating mobility, sensing, and operation into a single platform.**



Features

Payloads up to **350kg**

4h of continuous operation

Up to **60%** slopes

13km/h Speed

Controlled by **4G/5G LTE / Wi-fi / Satellite**

Autonomous or Remote Control Operation

Waypoints Navigation

AI Integrated Artificial Intelligence

Modular Platform

Databases and IOT Integration

SPECIFICATIONS

WEIGHTS

Standard Weight	100 kg
Max Payload*	350 kg

PERFORMANCE

Max Velocity*	13km/h
Max Slope	60%
GNSS	RTK < 1cm

ENERGY

Embedded Power	5Kwh
Autonomy*	4 hours
Recharge Time**	2 hours

CONTROL

Hardware Control	Remote Control Station
Type	4G/5G LTE / Wi-fi / Satellite / RF
Operation Modes	Remotamente Operado / Autônomo
Range	Unlimited (Internet)

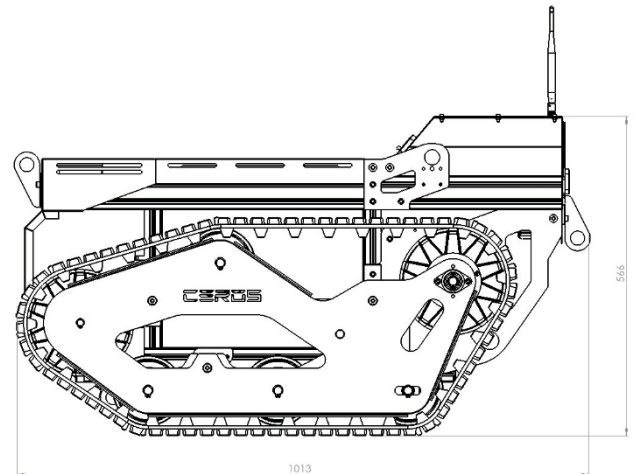
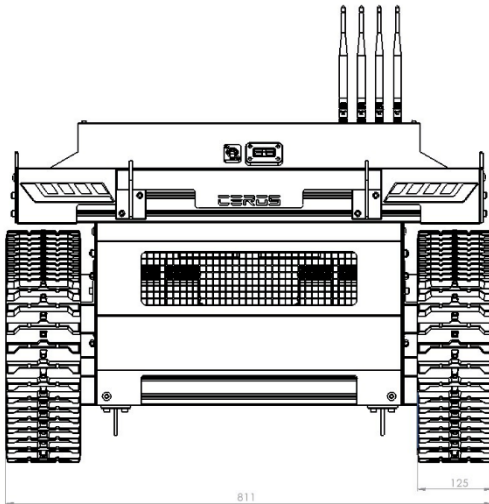
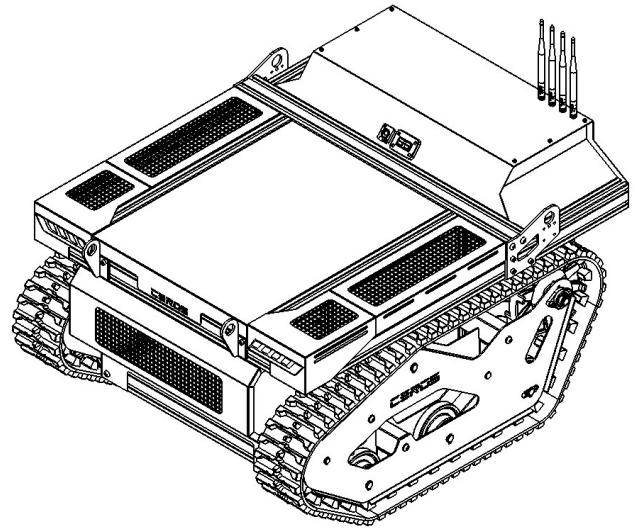
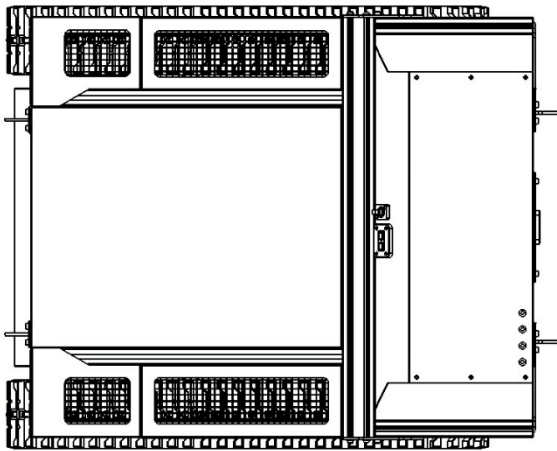
ADDITIONAL FEATURES

Artificial Intelligence Integration	
Cloud and IOT Systems Integration	
Databases Integration	
Autonomous and Automatic Routines	
Waypoint Navigation	

* Depends on the chosen configuration

**Depends on the chosen recharger

SPECIFICATIONS



DIMENSIONS

Approximate Size

(LxWxH) 811 X 1013 X 566 mm

PRODUCT

