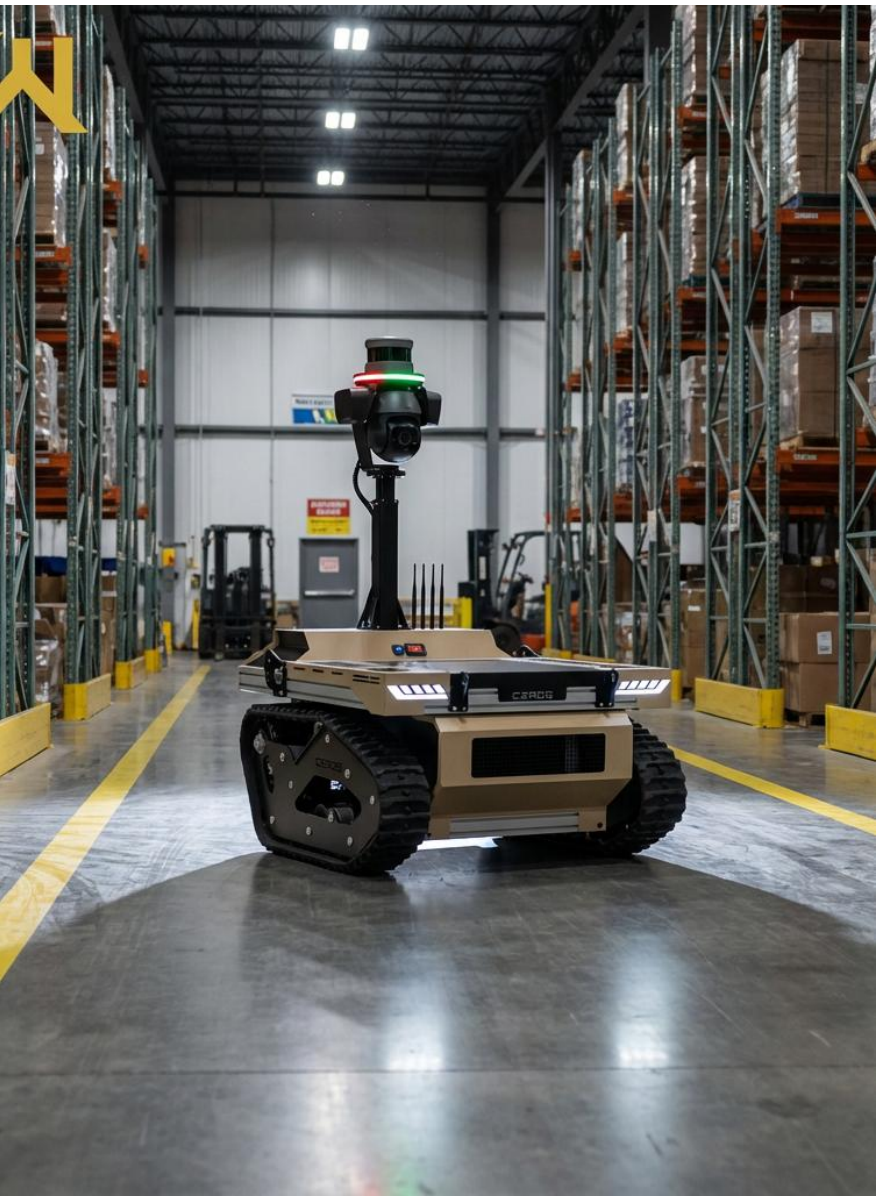
MOVEWER TECHNOLOGIES
CEROS

SPECIFICATION SHEET

Description

UGV CEROS

The CEROS is a lightweight UGV designed to carry diverse payloads such as cameras, specialized sensors, small projectile launchers, or support equipment, with its primary role focused on operating in confined or hard-to-access environments—whether in narrow urban passages, complex indoor facilities, or rugged rural terrains. Equipped with a robust rubber track system, it ensures superior mobility and traction across challenging surfaces including mud, sand, grass, and no-man's land, making it effective for reconnaissance missions, perimeter patrols, or tactical maneuvers. The platform supports cost-effective control options with FPV cameras as standard for real-time situational awareness, and its modular design allows seamless adaptation for both military and civilian applications, from tactical operations against infantry or armored units to inspection, monitoring, and support roles in critical missions. Purpose-built to meet the evolving demands of modern battlefields and complex environments, the CEROS provides a reliable, versatile, and expendable solution for critical operations where adaptability and resilience are essential.



GENERAL FEATURES

Payloads up to 80kg

Continuous Operation for 2h

Slops up to 30°

Up to 16km/h

Internet Control

Internet Telemetry and Operation

SPECIFICATIONS

WEIGHTS

Standard Vehicle Weight	100 kg
Maximum Recommended Payload*	80 kg
Maximum Recommended Push	100 kg

MOTOR

Energy Type	Electrical
Number of Motors	2
Motor Type	BLDC
Operating Voltage	Up to 51.2V
Total Max Power	3Kw
Type of Cooling	Air

PAYLOAD

Mounting System	Plug and Play
Mounting Options	on Top
Electrical Integration	Network or IOs

CONTROL

Controller Type	Industrial Degree
Control Type	Internet / Radio Frequency / Cabled
Standard Mode	Remote Operate
Autonomous Routines	High Level of Customization
Human Machine Interface	Standard / Customizable
Range of Control	Unlimited (internet)
Remote Controller	Industrial Tablet / PC / Smartphone
Telemetry	Over Network in Real Time
AI Assistant	-

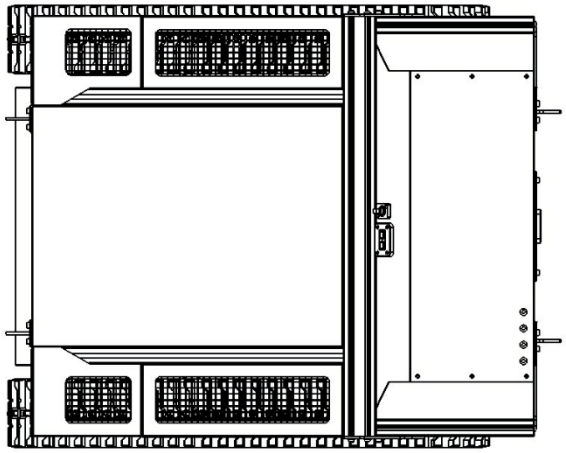
*Consult the respective Weight for each slop

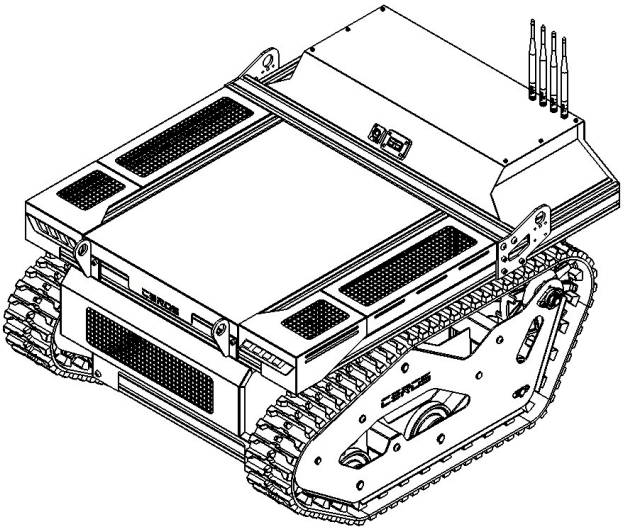
SPECIFICATIONS

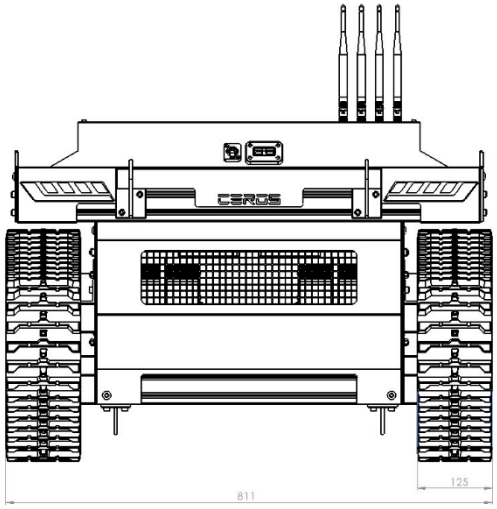
ENERGY

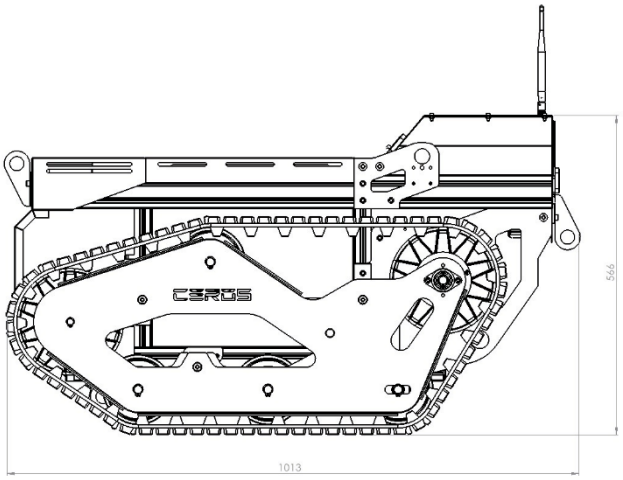
Number of Battery Packs	1
Battery Type	LiFePo4
Maximum System Current	48A
Number of Battery Cycles	6000
Power Available	3,3Kwh
Type of Cooling	Fan
Maximum Endurance	3 hours

PHYSICAL









DIMENSIONS

Standard Frame	(LxWxH) 811 X 1013 X 566 mm
Track Length	125 mm
Implement Dimensions	-

WEATHER LIMITATIONS

Maximum Operating Temperature	+45°C
Minimum Operating Temperature	-10°C
Maximum Front Slop angle	35°
Maximum Side Slop angle	25°
Restricted Terrains	-
Maximum Precipitation	Waterproof

PHYSICAL

PERFORMANCE LIMITATIONS

Maximum Velocity	16km/h
GNSS Precision	-
INS System	-