



→ OVERVIEW

The ROOK is a multipurpose robotic unmanned ground vehicle (UGV); designed to support soldiers in a wide range of missions while increasing front-line effectiveness and survivability for close and long-range operations under extreme conditions. It's 6 wheels frame, low center of gravity and full electric engine allows the ROOK for all-terrain maneuverability carrying a payload of 1200kg and performing large variety of operational missions.

The ROOK can be tactically tele-operated or operate in a fully autonomous mode, functions as a weapon station, integrates in casualty evacuation, logistics, and intelligence gathering missions.



→ SYSTEM HIGHLIGHTS

Multi payload system, enables easy Plug & Play payload integration with full IOP compatibility.

360° video coverage day & night vision for uninterrupted mission control.

Featuring a large and flat loading platform and capable of carrying 1200 kg.

Integrates Hybrid operation solution for long-range operation.



→ MAIN APPLICATIONS

Full Autonomous capabilities.

Intelligence, Surveillance, Reconnaissance (ISR) and Target Acquisition Sensors.

Front guard effectiveness with integrated weapon stations.

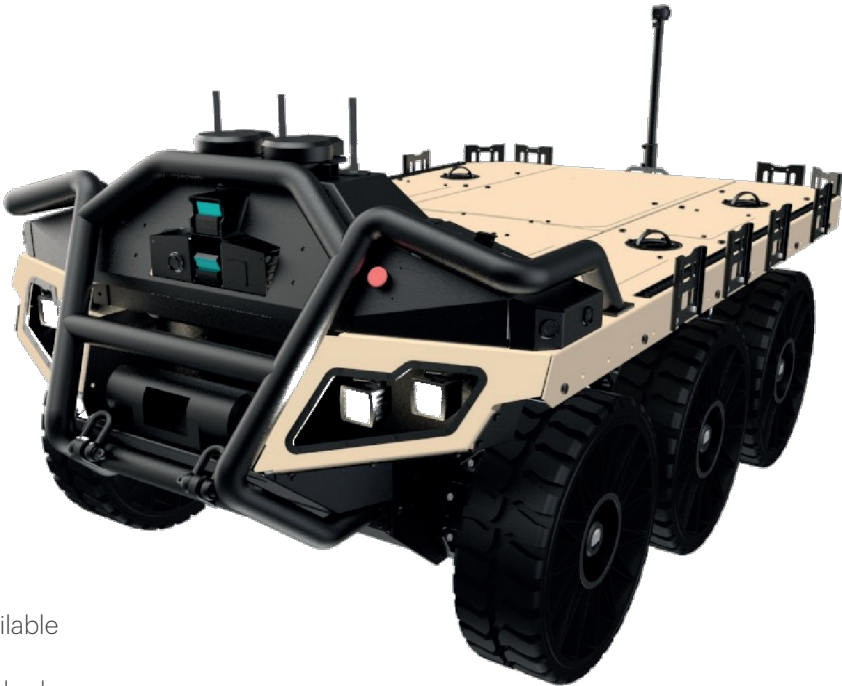
Medical evacuation and front-line logistic.

H U M A N D R I V E N

→ TECHNICAL SPECIFICATIONS

PLATFORM

PARAMETER	DESCRIPTION
Dimentions (LxWxH)	106 x 63 x 47 in / 270 x 160 x 120 cm
Weight	2645 lbs / 1200 kg
Max Payload Weight	2645 lbs / 1200 kg
Speed	18.6 mph / 30 km/h
Towing Speed	50 mph / 80 km/h
Enviromental	IP67
Turning Circle	0 Turn radius
Vertical Grades	60 [%]
Ground Clearance	9.4 in / 24 cm
Operating Range	3280 ft / 1000 m LOS
Communication	Secure IP, MESH data link
Operating Time	8 Hours, Hybrid mode available
Interfaces	Compatible with IOP standard
Video & Cameras	360° Real time day & night
Illumination	Visible White LED + IR Light



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