

RT-2000 (ROOK)

Multipurpose Robotic UGV

Overview

The ROOK (Multipurpose Robotic UGV) is 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. Its 6 wheels frame, low center of gravity and full electric engine allows the ROOK all-terrain maneuverability while carrying a payload of 1200kg and performing a 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.
- Features 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 logistics

Roboteam

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In use with:



Platform Specifications

Parameters	Description
Dimensions (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
Environmental	IP67
Turning Circle	0 Turn radius
Vertical Grades	60 [%]
Ground Clearance	9.4 in / 24 cm
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

