

PROBOT®

Professional Robot

→ OVERVIEW

The PROBOT® (Professional Robot) is a robust and versatile platform designed for indoor and outdoor operations. Its unique abilities include carrying heavy payloads while maintaining high speeds, sound maneuverability over various obstacles and terrain, and performing semi-autonomous missions. It is extremely versatile and can carry up to 1500lb/700Kg, climb stairs and maneuver directly to a point of interest - even in confined areas - enhancing the capabilities and effectiveness of small ground forces. The PROBOT can be teleoperated, follow the leader or use GPS waypoint navigation.



→ SYSTEM HIGHLIGHTS

The only indoor and outdoor tactical logistics platform for all terrain with the ability to carry 165 lb/750 Kg.

Able to adapt to any mission with different payloads – Special Operations missions, Public Safety or Logistics

Increases effectiveness of small ground units with unique tracing and imaging sensors, closing the operator-to-mission loop

Vehicle transportable

→ MAIN APPLICATIONS

Logistics Carrier

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

Search & Rescue

Sensors Integration- CBRNE, ECOM, Remote-controlled Weapon Station

Medical evacuation

→ PLATFORM SPECIFICATIONS

<u>PARAMETER</u>	<u>DESCRIPTION</u>
Dimensions w/o tracks	77x50x42 in / 195x126x106 cm 77x52x44 in / 195x133x112 cm
Military Standards	Ruggedized, IP67
Weight	960 lbs (435 kg) including carriage
Max Payload Weight	1,650 lbs (750 kg)
Speed	7.5 mph / 12 kph
Communication	Secure IP Mobile Ad-hoc network
Operating Range	Up to 2,300 ft (700 m) LOS, with standard operating gear
Operational Time	8 hours
Payload Ports	External Power, Ethernet RJ45, RF ant, IOP 12V,24V,28V, NATO Recepticle
GPS	External
Video & Cameras	360° Real time day & night video
Illumination Module	360° NIR illumination
Operation Mode	Dedicated Joystick & ROCU®-7 Ruggedized Control & Display Unit <ul style="list-style-type: none"> • Tele-Op Mode. • Autonomous Mode. • Follow me \ Convoy Mode
Towing Capabilities	50 mph

