

## 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 1500 lb /700 Kg, 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 1500 lb /700 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

PARAMETER	DESCRIPTION
Dimensions w/o Carriage	60x47x23.5 in / 150x120x60 cm
With Carriage	76x47x40 in / 195x120x105 cm
Military Standards	Ruggedized, IP67
Weight	900 lbs (410 kg) including carriage
Max Payload Weight	1,500 lbs (700 kg)
Speed	6 mph / 9.6 kph
Communication	Secure IP Mobile Ad-hoc network
Operating Range	Up to 1,600 ft (500 m) LOS, with standard operating gear
Operational Time	8 hours
Payload Ports	External Power, Ethernet RJ45, GPS ant, 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"><li>• Follow me kit</li><li>• GPS waypoint navigation</li><li>• 50 mph</li></ul>
Towing Capeabilities	
Hybrid Mode	

