

RT-1000 (PROBOT)

Professional Robot

Overview

The PROBOT (Professional Robot) is a robust and versatile platform designed for urban and rough terrain operations. Its unique abilities include carrying heavy payloads while maintaining high speed maneuverability at low signature, over various obstacles and terrain and performing semi-autonomous missions. The PROBOT is extremely versatile and can carry up to 1650 lb /750 Kg, climb stairs and maneuver directly to a point of interest - even in confined areas, enhancing the capabilities and effectiveness of small infantry forces. The PROBOT can be teleoperated, follow the leader or use GPS waypoint navigation.



System Highlights

- Urban and all-terrain tactical logistics platform with the ability to carry 1650 lb /750 Kg.
- Designed to suite any mission profile with different payloads – Special Operations, Public Safety or Logistic
- Enhance the efficiency of small ground infantry team with its Heavy loading carries capability.
- Can be adapted to semi-autonomous sensors to preform: follow me, go-back, or go-to waypoint.



Main Applications

- Logistics Carrier
- Intelligence, Surveillance, Reconnaissance (ISR) and Target Acquisition Sensors
- Search & Rescue
- Sensors Integration- CBRNE, ECOM, Remote-controlled Weapon Station
- Medical evacuation

Roboteam

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In use with:



Platform Specifications

Parameters	Description
Dimensions W/O Tracks	60x47x23.5 in / 150x120x60 cm
With Carriage	76x47x40 in / 195x120x105 cm
Military Standards	Ruggedized, IP65, MIL-STD 461
Weight	700 lbs (320 kg) including carriage
Max Payload Weight	1,650 lbs (750 kg)
Speed	4.9 mph / 8 kph
Communication	Secure IP Mobile Ad-hoc network
Operating Range	Up to 3,280 ft (1,000 m) LOS, with standard operating gear
Power Supply	48v nominal- military rechargeable batteries
Operational Time	8 Hours
Payload Ports	External Power, Ethernet RJ45, 24V output GPS ant, RF ant, Comm.
Video & Cameras	360° Real Time Day & Night Video
Illumination Module	360° nir illumination
Operation Mode	<ul style="list-style-type: none"> • Dedicated Joystick & ROCU-7 Ruggedized Control & Display Unit • Follow me kit • GPS waypoint navigation

