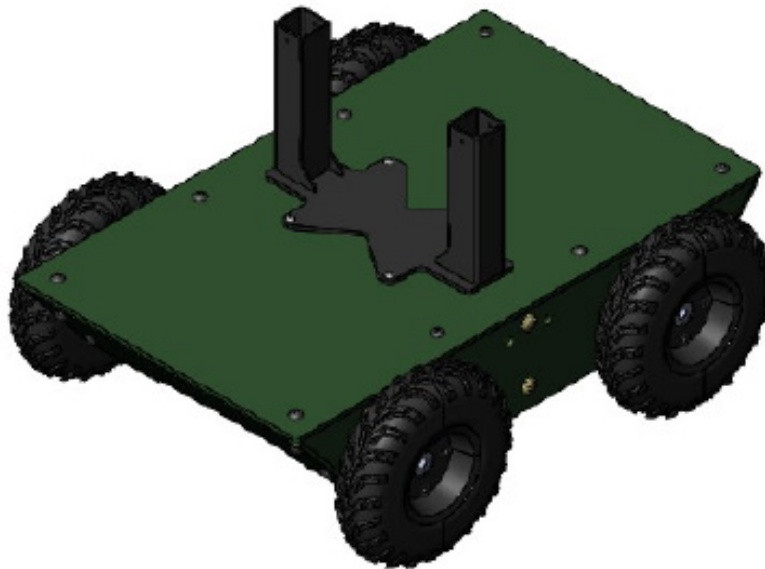


Product Overview

The Range Systems Pro-Bot Ranger is a four-wheel-drive, all-terrain vehicle built for rugged environments. It excels on unimproved, off-road range sites, handling low obstacles, dense brush, tall grass, loose gravel, soft soil, and more. This versatile mover is ideal for use in various training scenarios such as Hogan's Alleys, Urban Assault Courses (UACs), Military Operations on Urban Terrain (MOUTs), combat villages, sniper training, as well as unimproved paths and roads, and mildly uneven terrain. It features easy battery replacement for extended run times and supports target mounts for military E, F, and IVAN targets, Manikin Mike™ 3D, steel reactive plates, and standard law enforcement target backers.



Features and Benefits

- Turns 360° on its own radius for lifelike maneuverability
- 4 wheel drive
- Wireless Variable Speed Control
- Standard Effective Range: up to 1000 meters line of sight
- Full Running Man Speeds
- Multi-mission Off-road/rugged terrain operation
- Armored (optional)
- High ground clearance
- 3D Manikin Mike™ target with stop/stop-drop hit sense mount

Technical Specifications

Dimensions	
Base	30"x23"x10" (LxWxH)
Weight	
Base Unit (Standard)	106 lbs.
Base Unit (Armored)	156 lbs.
Stop/Drop with Manikin	14 lbs.
Carry capacity (Standard)	150 lbs.
Enviromental	
Temperature	32°F to 140°F
Rain	Water resistant, but cannot be submerged
Battery Base	
Type	Sealed lead acid Capacity or Optional Lithium Ion (6) 12VDC / 9Ah Built into 1 battery pack with 6 Batteries, wired for 24V
Run time (Standard)	3 hours (50% duty cycle) 6 hours (with optional Lithium Ion)
Run time (Armored)	1.6 hours (70% duty cycle) 3 hours (70% duty cycle with optional Lithium Ion)
Charger	
Type	IC
Input Voltage/Current	120VAC / 240A
Output Voltage/Current	12VDC / 12A
Drivetrain	
Motors	4 – 24V 120W 270rpm IP44 Motors
Tires	4 – 10" x 3.5" Pneumatic
Speed	0 to 11.75 feet/second Variable Forward or Reverse, Skid Steering
Radio	
Short-range	
Distance	Maximum effective 1000 m line of sight
Frequency Standard	2.4 GHz Spread Spectrum Futaba or FlySky
Long Range or GPS (Option)	
Distance	600 m line of sight
Frequency	900 MHz spread-spectrum FCCID MCQ-XB900HP
Frequency Option 1	2.4 GHz spread-spectrum FCCID MCQ-XBEE3
Frequency Option 2 (Japan)	2.4 GHz spread-spectrum Japan Approvals R210-119309

Armor (Optional)	
Weight	100 lbs.
Material	0.25" AR500 Plate
Protection	Up to .308 incidental
Optional Mounts	
	Dual Stake Pockets (standard)
	Pro-SIT standard or 360
	Mannequin Mike™ Stop/Drop or Stop/Tilt Reactive
	Mannequin Mike™ Non-Reactive
	E, F, IVAN
	Surveillance cameras
	Portable lighting systems
	Mobile phones (for hostage negotiations)
	Fire-back (Paintball)