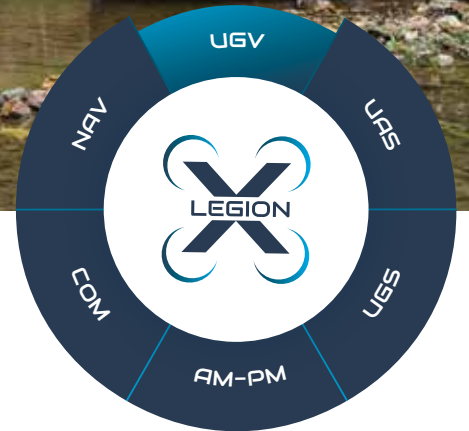


PROBOT™

Professional robot for combat, ISR and logistics missions



Part of the Legion-X robotic and autonomous combat solution, the PROBOT (Professional Robot) platform is designed from the ground up as an autonomous, robust, lightweight tactical support vehicle with high mobility and all-terrain maneuverability in urban and rural environments. Featuring a common all-electric chassis with a very low thermal and acoustic signature, PROBOT can carry heavy payloads and integrate in logistics, medevac, CBRNE, ISR and special operations.

PROBOT™

Professional robot for combat, ISR and logistics missions

System Highlights

PROBOT is Legion-X compatible. The indoor and outdoor all-terrain tactical logistics platform is highly transportable and able to adapt to any mission with different payloads – special operations, public safety or logistics, capable of carrying 1650 lb / 750 kg.

PROBOT increases effectiveness of small-scale ground units with unique tracing and imaging sensors, closing the operator-to-mission loop with manual or autonomous operation in Follow Me or Go-To modes. Elbit Systems' unique Terrain Classification technology calculates and updates the most feasible route prior to and during a mission.

Main Applications



Logistics carrier



Intelligence, Surveillance, Reconnaissance (ISR) and target acquisition sensors



Search and rescue



Medical evacuation



Sensor integration - CBRNE, ECOM, remote-controlled weapon station

Technical Highlights

Parameter	Description
Dimensions w/tracks and carriage (L x W x H)	76.7 x 52.4 x 44 in / 195 x 133 x 112 cm
Weight	960 lb / 435 kg
Max. payload weight	1650 lb / 750 kg
Max. speed	7.5 mph / 12 kmh
Environmental	Ingress Protection 67
Communication	Secure IP mobile ad-hoc network
Operating range	0.43 mil (LOS) / 0.7 km
Working time	8 hours
Payload ports	External power, Ethernet RJ45, GPS ant, RF ant, IOP 12v, IOP 24v
Video and cameras	360° real time day and night video
Operation mode	Dedicated joystick & ROCU-7 ruggedized control & display unit Tele-Op mode Autonomous mode Follow me / Convoy mode
TOW capabilities	Up to 50 mph / 80 kph



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