



REX MK3

Uncrewed Ground Vehicle (UGV)
for Infantry Support
ELA-6601



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REX MK3 (ELA-6601) is a combat-proven, multi-role UGV platform designed to provide direct support to infantry units and special forces. Capable of operating in difficult terrain and negotiating complex urban environments, this latest generation UGV employs modular payloads to perform an array of critical missions, including: intelligence, surveillance and reconnaissance; fire support; route clearance; medical evacuation; logistics supply; and drones/loitering munitions deployment.

Featuring a highly developed open layered architecture, REX MK3 seamlessly integrates with ELTA's operationally proven, class leading sensors and systems, including radar, SIGINT, hostile fire detection, and remote-controlled weapons station (RCWS), as well as third party hardware and software solutions.

At the heart of the REX MK3's impressive capabilities is a comprehensive software suite encompassing: autonomous maneuverability, navigation & safety; command and control for onboard sensors and systems; auto-mission and configuration (Ariel ELA-6692); simulation (ETOS ELS-8060); and training (ATLAS ELS-8050).

Engineered for Human-Machine Teaming (HMT), REX MK3 significantly enhances the maneuverability, survivability, and lethality of ground forces. Capable of semi-to-full autonomous operation, REX MK3 UGVs can be deployed as a networked fleet, communicating and executing real-time, in-field commands with great precision.

KEY FEATURES

- Line of Sight (LOS) Remote-controlled, Beyond Line of Sight (BLOS) tele-operated, semi and fully autonomous
- Electric motor for extended, easy maintenance and stealthy operation
- Mission Tailored Platforms - platform-agnostic, modular architecture utilizes open interfaces to provide unparalleled flexibility, ensuring rapid reconfiguration to meet the demands of emerging environments and evolving mission requirements
- Operationally proven Human Machine Teaming (HMT)

