telemax™ EVO 4X4

The telemax EVO 4X4 is equipped with a broad wheelbase and rugged 4-wheel drive running gear for rapid deployments on challenging terrains and delicate flooring requiring protection. Its exceptionally strong 6-axis precision manipulator with Tool Center Point Control features an automatic tool exchange and countless pre-programmed motion sequences. Onboard IP Mesh radio delivers secure communications in complex urban environments and the HD Pan/Tilt/Zoom cameras produce razorsharp images with four simultaneous video feeds (QuadView). All Telerob UGVs feature the intuitive and operationally simplified Robo Command Ground Control System (GCS) with multi-touch screen, and ergonomically designed hand controllers for precision control of the robot, manipulator and accessories.

DISTINCTIONS

LIFT CAPACITY
44 lb (20 kg)

GRIPPER WIDTH
4.7 in (120 mm)

MISSION DURATION
15 hr (2 Li-ion batteries)

CLIMB STAIRS & SLOPES
Stairs: 17.5°, Slope: 38°

SPECIFICATIONS

TOTAL PAYLOAD CAPACITY	35 kg (77.2 lb)
SPEED	Max. 7.1 mph (11.5 km/h)
DIMENSIONS	40 in x 24 in x 32 in (1020 mm x 604 mm x 810 mm)
WEIGHT	Max. 149 lb (68 kg)
DRIVE MECHANISM	4 wheels
FUNCTIONALITY	Obstacle Height: 8 in (200 mm) Gap Width: 13 in (330 mm)

INTERCHANGEABLE ACCESSORIES

Optics/Visual Augmentation

UGV Communications

Power Sources

Wheels

Tooling & Hauling

Render Safe Options

MISSION VARIANTS

EOD
Explosive Ordinance Disposal
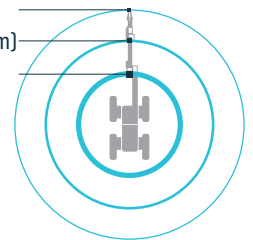
HAZMAT
Hazardous Materials

CBRN
Chemical, biological, radiological, and nuclear

SWAT
High Risk Law Enforcement Operations

LIFT CAPACITY AT DISTANCE
11 lb (5 kg) // 60 in (1500 mm)
27.5 lb (12.5 kg) // 36 in (920 mm)
44 lb (20 kg) // 27 in (680 mm)

ROBO-COMMAND UNIFORM GCS
Interoperable Components & Functionality reduce Operation, Training & Logistics impact

KEY FEATURES

» *Fully integrated 2-way audio module*

» *HD Pan/Tilt/Zoom cameras—displays four video feeds (QuadView)*

» *4-wheel drive system—handles gradients/obstacles/gaps*

» *IP Mesh Radio Network with optional repeaters provide secure and resilient communications over extended ranges*

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