AV AeroVironment™

telemax™ EVO PRO

The telemax EVO PRO's compact design with extended manipulator reach delivers proven performance in complex urban environments. Built for speed and mobility, its 4-track drive system, with optional snap on wheels for extra traction, enables it to easily traverse obstacles, gaps and steep inclines. Its 7-axis manipulator with Tool Center Point Control features a telescopic joint allowing for extended reach and precision operation in confined spaces. An expansive payload bay and automatic tool exchange allow operators to take multiple tools, disruptors or other sensors downrange, eliminating round-trip load-outs. Onboard IP Mesh radio delivers secure communications and the HD pan-tilt-zoom camera produce razor-sharp images with four simultaneous video feeds (QuadView). All AeroVironment UGVs feature the intuitive and operationally simplified Robo Command Control Station with multi-touch screen, pre-programmed motion sequences and ergonomically designed hand controllers for precision control of the robot, manipulator and accessories.

DISTINCTIONS

》》LIFTING CAPACITY
44 lb (20 kg)

》》MANIPULATOR
7-axis with telescopic reach

》》MISSION DURATION
Up to 10 hr

》》CLIMB STAIRS AND SLOPES
45°

SPECIFICATIONS

TOTAL PAYLOAD CAPACITY	77 lb (35 kg)
SPEED	Max. 6.2 mph (10 km/h)
DIMENSIONS	31 in x 16 in x 29 in (775 mm x 400 mm x 750 mm)
WEIGHT	Max. 169 lb (77 kg)
DRIVE MECHANISM	4-track running gear with individually adjustable flippers; optional wheels
FUNCTIONALITY	Obstacle Height: 20 in (500 mm) Gap Width: 24 in (600 mm) Gripper Width: 4.7 in (120 mm) Reach Height: 150 in (2690 mm)

Technical data ±5% tolerance

INTERCHANGEABLE ACCESSORIES

Optics/Visual Augmentation

UGV Communications

Power Sources

Wheels/ Tracks

Tooling & Hauling

Render Safe Options

MISSION VARIANTS

EOD
Explosive Ordnance Disposal

HAZMAT
Hazardous Materials

CBRNE
Chemical, biological, radiological, nuclear & explosives

SWAT
High Risk Law Enforcement Operations

LIFT CAPACITY AT DISTANCE

6.6 lb (3 kg)	// 68 in (1730 mm)
11 lb (5 kg)	// 45 in (1140 mm)
27.5 lb (12.5 kg)	// 31 in (800 mm)
44 lb (20 kg)	// 22 in (560 mm)

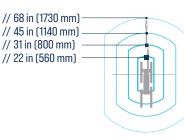**ROBO COMMAND**
Interoperable controller, radio & communications—reducing operation, training & logistics

KEY FEATURES

》 *7-axis precision manipulator*

》 *Tool Center Point Control—providing maximum movement flexibility of the manipulator*

》 *Fully integrated 2-way audio module*

》 *HD pan-tilt-zoom camera—displays four video feeds (QuadView)*

》 *Versatile 4-track drive system—handles gradients/obstacles/gaps*

》 *Easy access to pre-programmed manipulator & flipper motion sequences*

》 *IP Mesh Radio Network with optional repeaters provide secure & resilient communications over extended ranges*

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