



## telemax™ EVO HYBRID

The telemax EVO HYBRID is a versatile UGV designed to be operated by bomb technicians. It is ideally suited for operation in confined spaces (airplanes, underground trains and buses) featuring a strong 6-axis precision manipulator with Tool Center Point Control and automatic tool exchange. Its 4-track drive system with auto-leveling can easily handle multiple gradients, gaps and terrains. 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 in complex urban environments and the HD pan-tilt-zoom camera produces 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.

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# Compact and Powerful for Toughest Challenges

telemax™ EVO HYBRID

## DISTINCTIONS



» LIFTING CAPACITY  
82 lb (37 kg)



» GRIPPER WIDTH  
8 in (200 mm)



» MISSION DURATION  
Up to 10 hr



» CLIMB STAIRS AND SLOPES  
45°

## SPECIFICATIONS

TOTAL PAYLOAD CAPACITY	68 lb (31 kg)
SPEED	Max. 6.2 mph (10 km/h)
DIMENSIONS	32 in x 16 in x 30 in (815 mm x 400 mm x 770 mm)
WEIGHT	Max. 176 lb (80 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)

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



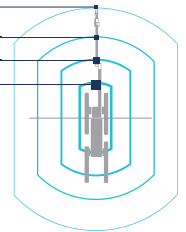
**CBRNE**  
Chemical, biological, radiological, nuclear & explosives



**SWAT**  
High Risk Law Enforcement Operations

LIFT CAPACITY AT DISTANCE

16.5 lb (7.5 kg)	//	61 in (1560 mm)
26 lb (12 kg)	//	47 in (1200 mm)
44 lb (20 kg)	//	37 in (950 mm)
82 lb (37 kg)	//	24 in (600 mm)



## ROBO COMMAND

Interoperable controller, radio & communications—reducing operation, training & logistics



## KEY FEATURES

- » 6-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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