



## telemax™ EVO PLUS

The telemax EVO PLUS is the largest, most powerful telemax UGV, making it ideal for EOD, HAZMAT, CBRNE and High Risk Law Enforcement operations. Combining heavy lifting capacity with precise movement, its 6-axis manipulator features Tool Center Point Control, providing humanlike control. Its 4-track drive system with auto-leveling provides the ability to easily handle multiple gradients, gaps and terrains. A double 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 onboard HD cameras 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.



# Largest and Strongest Heavy Lift Capable

telemax™ EVO PLUS

## DISTINCTIONS



»» **LIFTING CAPACITY**  
176 lb (80 kg)



»» **GRIPPER WIDTH**  
8 in (200 mm)



»» **MISSION DURATION**  
Up to 12 hr



»» **CLIMB STAIRS AND SLOPES**  
45°

## SPECIFICATIONS

<b>TOTAL PAYLOAD CAPACITY</b>	154 lb (70 kg)
<b>SPEED</b>	3.1 mph (5 km/h)
<b>DIMENSIONS</b>	34 in x 27 in x 29 in (870 mm x 680 mm x 740 mm)
<b>WEIGHT</b>	249 lb (113 kg)
<b>DRIVE MECHANISM</b>	4-track running gear with individually adjustable flippers
<b>FUNCTIONALITY</b>	Obstacle Height: 16 in (400 mm) Gap Width: 20 in (500 mm)

## 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



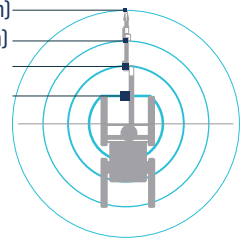
**CBRNE**  
Chemical, biological,  
radiological, nuclear &  
explosives



**SWAT**  
High Risk Law  
Enforcement  
Operations

**LIFT CAPACITY AT DISTANCE**

33 lb (15 kg)	// 60 in (1530 mm)
55 lb (25 kg)	// 46 in (1180 mm)
99 lb (45 kg)	// 32 in (810 mm)
176 lb (80 kg)	// 12 in (300 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
- » Automatic tool exchange—double payload bay
- » HD pan-tilt-zoom cameras—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