

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 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.

Compact and Powerful for Toughest Challenges

telex™ 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) |

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



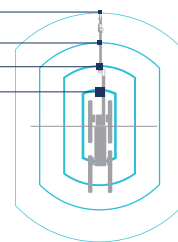
CBRNE
Chemical, biological,
radiological, nuclear &
explosives



SWAT
High Risk Law
Enforcement
Operations

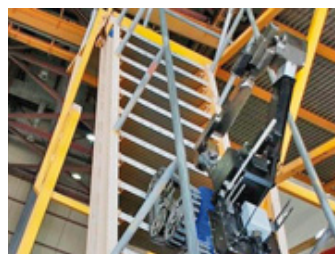
LIFT CAPACITY AT DISTANCE

| | |
|------------------|--------------------|
| 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 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