

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 AeroVironment UGVs feature the intuitive and operationally simplified Robo Command Control Station with multi-touch screen and ergonomically designed hand controllers for precision control of the robot, manipulator and accessories.

telemax EVO with wheels

Versatile and cost-efficient

telemax™ EVO 4X4

DISTINCTIONS



» **LIFTING CAPACITY**
44 lb (20 kg)



» **GRIPPER WIDTH**
4.7 in (120 mm)



» **MISSION DURATION**
15 hr (2 Li-ion batteries)



» **CLIMB STAIRS AND 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 Ordnance
Disposal



HAZMAT
Hazardous
Materials

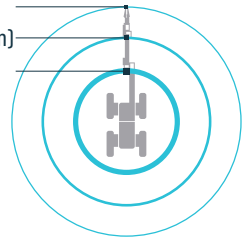


CBRNE
Chemical, biological,
radiological, nuclear &
explosives



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

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



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 & resilient communications over extended ranges