

telemax™ EVO Hybrid



The telemax EVO Hybrid is a versatile UGV designed to be operated by emergency responders. 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 optional HD pan-tilt-zoom camera produces razor-sharp images with four simultaneous video feeds (QuadView). All AV 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 & Powerful for Tough Challenges

TELEMAX™ EVO HYBRID

_Distinctions



LIFTING CAPACITY
82 lb (37 kg)



TOOL EXCHANGE
Mission Configurable



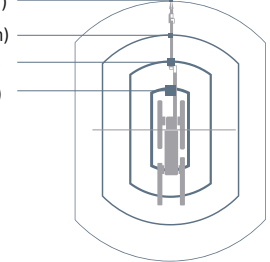
MISSION DURATION
Up to 10 hr



CLIMB STAIRS AND SLOPES
45°

[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

_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]



CAMERAS



TOOLS



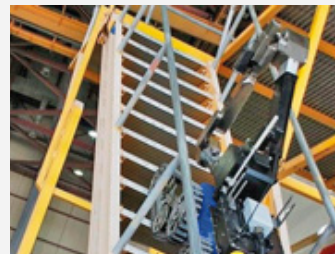
FIRING SYSTEMS



CBRN/ DETECTORS



WHEELS/ TRACKS



[MISSION VARIANTS]



EOD
Explosive ordnance disposal



HAZMAT
Hazardous materials



CBRN
Chemical, biological, radiological, nuclear & explosives



SWAT
High risk law enforcement operations

_Key Features

- > 6-axis precision manipulator
- > Tool Center Point Control—Provides versatility in manipulator movement
- > Fully integrated 2-way audio module
- > HD pan-tilt-zoom camera available—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
- > Plug-n-Play swappable cameras and tools for rapid reconfiguration

