

tEODor™ EVO

Purpose built for explosive ordnance disposal and disarming improvised explosive devices, the tEODor EVO is heavy lift capable, and features a telescopic 6-axis manipulator that enables it to precisely handle hazardous materials. The dual-track drive system with independent high-torque motors allows it to traverse multiple gradients, high obstacles, or steep inclines. 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 onboard HD cameras produce razor-sharp images with four simultaneous video feeds (QuadView). All Telerob UGVs feature the intuitive and operationally simplified Robo Command Ground Control System (GCS) with multi-touch screen, pre-programmed motion sequences and ergonomically designed hand controllers for precision control of the robot, manipulator and accessories.

Next Generation EOD Technology Heavy Lift Capable

tEODor™ EVO







DISTINCTIONS

- 
»» LIFTING CAPACITY
 220 lb (100 kg)
- 
»» GRIPPER WIDTH
 12 in (300 mm)
- 
»» MANIPULATOR
 6-axis with telescopic reach
- 
»» CLIMB STAIRS & SLOPES
 45°





SPECIFICATIONS

MISSION DURATION	4 hr
SPEED	1.8 mph (3 km/h)
DIMENSIONS	54 in x 27 in x 44 in (1370 mm x 685 mm x 1130 mm)
WEIGHT	844 lb (383 kg)
DRIVE MECHANISM	Dual track—dependent high-torque motors
FUNCTIONALITY	Upward Reach with Vertical Gripper: 113 in (2860 mm) Upward Reach with Horizontal Gripper: 95 in (2410 mm) Forward Reach: 73 in (1860 mm) Downward Reach: 50 in (1260 mm)

INTERCHANGEABLE ACCESSORIES

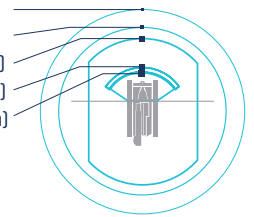
- 
 Optics/Visual
Augmentation
- 
 UGV
Communications
- 
 Power
Sources
- 
 Tracks
- 
 Tooling &
Hauling
- 
 Render Safe
Options

MISSION VARIANTS

- 
EOD
 Explosive Ordnance
Disposal
- 
HAZMAT
 Hazardous
Materials
- 
CBRN
 Chemical, biological,
radiological, and nuclear
- 
SWAT
 High Risk Law
Enforcement
Operations

LIFT CAPACITY AT DISTANCE

- 44 lb (20 kg) // 71 in (1810 mm)
- 66 lb (30 kg) // 55 in (1410 mm)
- 121 lb (55 kg) // 45 in (1150 mm)
- 198 lb (90 kg) // 20 in (500 mm)
- 220 lb (100 kg) // 16 in (400 mm)



ROBO COMMAND UNIFORM GCS
 Interoperable controller,
 radio & communications—
 reducing operation,
 training & logistics



KEY FEATURES

- » 6-axis precision manipulator
- » Laser rangefinder, video input and data interface integrated into gripper
- » Universal interfaces—multiple firing system connection options
- » Automatic tool exchange—expansive payload bay (771 lb)
- » HD Pan/Tilt/Zoom camera—displays four video feeds (QuadView)
- » Easy access to pre-programmed manipulator motion sequences
- » IP Mesh Radio Network with optional repeaters provide secure and resilient communications over extended ranges