



TIGR

SKU: SE-RB-E-1134

Categories: [Robots](#)

Tags: [bomb robot](#), [eod robot](#), [manipulator arm](#)

PRODUCT DESCRIPTION

The TIGR is an all-weather, all-terrain tactical robot with superior maneuverability that is well suited for operation requiring moderate payload mobility. TIGR gives ground forces a full tactical intelligence and operational edge in the field. Day or night, in rough terrain and urban settings, the TIGR 360° cameras identify threats from a safe distance and the manipulator, with 6 DOF (Degrees of Freedom), retrieves and delivers payloads of up to 19 kg (42 lbs.). The TIGR is also compatible with any IOP module and carries enhanced visual capabilities that enable superior recognition of wires, IEDs and humans.

FEATURES:

- Lightest Arm in class platform
- Climbs stairs Up to 45 degrees 360° video & zoom
- Day & night capabilities
- Manipulator add-on
- Compliant with IOP

SPECIFICATIONS: PARAMETER DESCRIPTION

- Dimensions (LxWxH): (L x W x H) 35.9 in x 23.2 in x 13.9 in/ 91.2 cm x 58.8 cm x 35.3 cm
- Weight: 176lbs / 80 kg including 6 batteries

- Stair Climbing: 40°
- Environmental: Ingress Protection 67,
- Operating Temp. -25°F to 120°F
- Vertical Obstacle: 9.8 in / 25 cm
- Range: 3,280 ft / 1000 m
- LOS Working Time: 6-8 hours (for 6 batteries)8-10 hours (for 8 batteries)
- Reliability Specifications: MILSTD-209,461,464,810,882
- Vision: HD cameras, Thermal camera
- Audio: Two-way audio