

SUGV

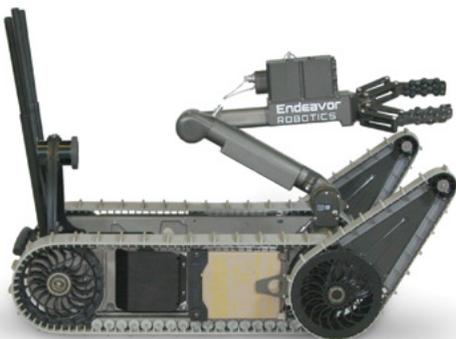
The back-packable, rugged robot

The SUGV is a portable, single-person-lift robot with dexterous manipulation for dismounted and mobile operations. Larger than the FirstLook® and smaller than the PackBot®, SUGV provides dismounted EOD technicians and other responders with a highly mobile robot system that climbs stairs, manipulates objects and speeds down-range at more than six mph.

SUGV can be easily carried and deployed from packs while on the move. The robot weighs about 30 lb (13 kg) with the manipulator and batteries installed and can be made to fit into packs with nine inch by 28 inch clearances. Equipped with wide-angle color, IR and zoom cameras, SUGV can maintain on-task and on-mission for up to four hours. The SUGV manipulator can lift as much as 22 lb (10 kg) and also supports numerous disruptor solutions.



Want to see the SUGV in action?
View a video at www.EndeavorRobotics.com/products



Weight	18.5 lb (8.3 kg) mobility platform 8.2 lb (3.7 kg) manipulator 30.6 lb (13.8 kg) mobility platform, manipulator with 2 BB-2557 batteries
Run time	Up to 6 hours runtime
Mobility	
Speed	Up to 6.2 mph (10 km/h) 3 variable speed selections
Agility	Zero radius turn
Slopes	40° (ascend, descend) 30° Lateral
Vertical Obstacles	12" (30.5 cm)
Stair Climbing	38° [rise 8" (20.3 cm), run 10" (25.4 cm)]
Manipulator Lift	>12 lb (5.4 kg) at full extension [(24" (61 cm))] >22 lb (10 kg) close-in
Awareness	Four (4) cameras
Compatible	Works as radio repeater for all Endeavor Robotics robots
Expansion	Four (4) payload ports, multiple accessories, sensors and disruptors supported
Controller	uPoint® Multi-Robot Control System



Built under ISO 9001 processes

uPoint® Multi-Robot Control System

uPoint is aptly described as a Multi-Robot System. It features a touchscreen-based ruggedized tablet controller that allows an operator to select from an array of connected robots. With this Android™-based controller, the intuitive touchscreen technology in use today on millions of digital devices results in a significantly reduced learning curve for robot operators.

uPoint features an MPU5 radio operating on the Wave Relay® MANET, a self-forming and fault-tolerant network that quickly and continuously adapts in complex or congested environments.

