SUGV™ 325

Carry the Future: Mission-Ready, Superior Mobility

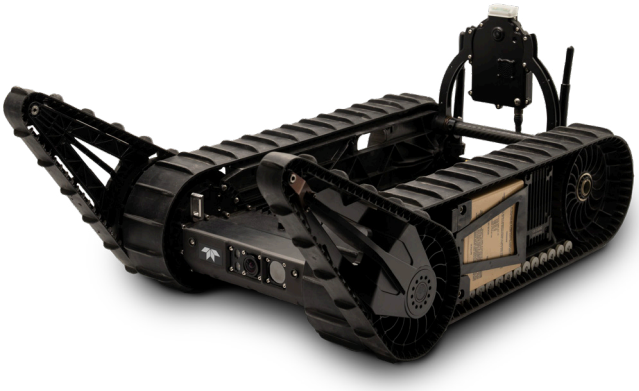
APPLICATIONS

DISMOUNTED AND MOBILE OPERATIONS

EXPLOSIVE ORDNANCE DISPOSAL (EOD)

SURVEILLANCE/ RECONNAISSANCE

REMOTE INSPECTION



SUGV 325 represents the cutting edge in portable robotics, designed to effectively address modern challenges. With its exceptional mobility and situational awareness capabilities, this single-person-lift robot offers a versatile solution for a variety of missions. Featuring a suite of modular payloads including a highly dexterous 5-DOF manipulator, the SUGV can be tailored to meet the demands of both dismounted and mobile operations.

Weighing approximately 20 lb (9.1 kg) in its lightest operational configuration, the SUGV is easily carried and deployed while on the move. SUGV serves as a formidable mobile ground system equipped with an array of sensors including HD visible, LWIR, and stitched 360-degree cameras, infrared and white lights, and two-way audio communication. With articulating flippers, SUGV overcomes challenging terrain and obstacles including stairs. When outfitted with the optional manipulator payload, the SUGV can lift up to 20 lb (9.1 kg). Utilizing in-service batteries, SUGV can maintain operations for up to eight hours.

FEATURES

PORTABLE AND RAPIDLY DEPLOYABLE

In its lightest operational configuration, the SUGV 325 weighs about 20 lb (9.1 kg).

EXPANDABLE

An IOP-compliant payload architecture accommodates a wide range of payloads and accessories, enabling multiple different mission-profiles.

MULTI-ROBOT CONTROL SYSTEM

The uPoint® Multi-Robot Control System features a tablet with touchscreen control as well as a hand controller.

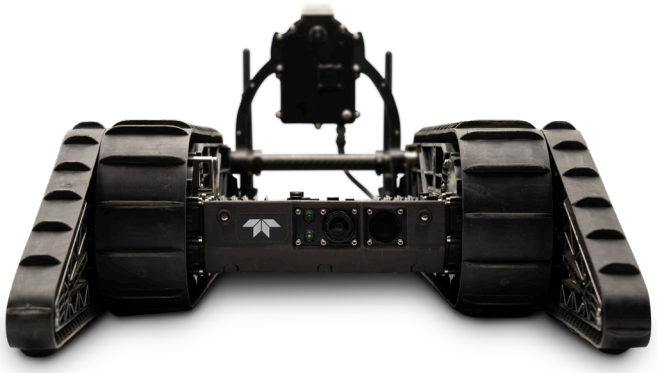
Scales to various Android tablet sizes.

Nett Warrior and ATAK compatible.

SPECIFICATIONS

Item Specification	
Weight (No batteries)	17.9 lb (8.1 kg)
Runtime	Up to 4 hours with two BB-2557 batteries Up to 8 hours with two BB-2590 batteries
Awareness	HD Camera LWIR Camera Stitched 360° Camera Two-way Audio
Speed	Up to 7 mph (11.3 kph)
Agility	Zero radius turn
Vertical Obstacles	12" (30.5 cm)
Stair Climbing	Up to 45°
Slopes	Vertical 45° Lateral 30°
Illumination	White Light NIR
Compatible	Connects to the Wave Relay® MANET, to form a robust network in which robots, operators, and observers seamlessly operate together.
Environment	Temperature Range: -4°F to 122°F (-20°C to 50°C) IP-67
Controller	The uPoint® Multi-Robot Control System features a tablet with touchscreen control.
Payloads and Accessories	
Manipulator	5 DOF Toolless Mission Module Interface Lifts up to 20 lb (9.1 kg) Weights 9.1 lb (4.1 kg)
30x Zoom Mission Module	30x optical zoom 1.3 lb (0.6 kg)
IOP Plate	Configurable interface based on IOP mounting standard.
Mission Module Adapter	Allows Mission Modules to be mounted directly to the chassis.
SUGV Dismounted Pack	Designed to support dismounted operations. Dedicated storage compartments that secure robot, controller, batteries, and extra gear.





AMERICAS

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