iRobot®

iRobot® SUGV® Accessories

iRobot

SUGV (Small Unmanned Ground Vehicle)

SUGV is a tactical mobile robot that gathers situational awareness in dangerous conditions for warfighters and public safety professionals.

Adaptable and expandable, SUGV robots feature a modular design that facilitates the easy integration of a wide range of optional accessories.

iRobot offers comprehensive training, support and configuration management services for SUGV robots, including spare parts and accessories, depot repairs and upgrades, technical support and training packages.

For more information or a quote,

contact iRobot at sales@irobot.com or toll-free in the U.S. at 888.776.2687.

International customers, call +1.781.430.3090.

For support,

contact iRobot at gisupport@irobot.com or 781.430.3030

Order SUGV accessories from the U.S. General Services Administration.

GSA Contract Holder

Contract GS-07F-9221S

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What's Inside

Flatbed Pack

Pack and deploy the robot more easily and quickly than with typical backpacks. Storage flap opens flat using six quick-release buckles, so the robot is stowed or deployed in less than 10 seconds. Transport the robot, controller, batteries, payloads and accessories. Includes Camelbak® bladder support, cable-routing features to constrain cables and side bolsters to better support the load when wearing armor. (Note: The Coyote Brown flatbed pack includes some ACU fabric on the side pockets.)

Part # 4241359-00001 (ACU print)

Part # 4241359-00002 (Coyote Brown)

Listed on GSA

Gripper Tips

Install on gripper fingers to better grasp fine wire and small objects. For use with 310 SUGV only.

Part # 4308075

Adaptive Specialty Probe™ Tool Kit for 510 PackBot and 310 SUGV

Four specialty tools help warfighters and first responders investigate and dispose of IEDs and other hazards:

The Viper multi-purpose tool pierces camouflaging material, cuts wires, entraps or removes obstructions and creates openings in the material that provide a greater field of view for interrogation.

The Cobra rake moves threats and the debris around them.

The Adder hook scrapes, removes concealed material and negotiates other obstacles that hinder making an object safe for exploitation.

The Sidewinder probes and scrapes to expose buried wire, allowing it to be spooled around the tool.

Tools are easily attached and removed without impeding the motion of the gripper. Includes gripper mounts and storage case. For use with 310 SUGV only.

Part # 4302306

Listed on GSA

Heads-Down Rugged Controller

High-precision joystick-style control for use indoors and outdoors, including difficult environments. Easy-to-learn and use; makes operations easier and cuts training time. Full-color 5.6" LCD display screen with WXGA 1280 x 800 resolution is sunlight readable.

Part # 4347978 (no cable)
Part # 4347978K (controller and rugged cable)

Rugged Controller

High-precision joystick-style control for use indoors and outdoors, including difficult environments. Easy-to-learn and use; makes operations easier and cuts training time.

Part # 4168582 (no cable)
Part # 4277263 (controller and rugged cable)

VGA Splitter

Enables heads-up display and remote video viewing and recording on a monitor and another VGA-compatible device at the same time.
(Compatible with most SUGV configurations.)

Part # 4206891

Heads-Up Display Adapter Cable

Allows simultaneous use of two heads-up displays with one OCU for training and dismounted operations. (Requires VGA Splitter – Part #4206891.)

Part # 4226551

4.9 GHz Communications Package

Includes 4.9 GHz radio payload for the robot and an external radio that mounts on the OCU. Operates on public safety frequency. For use with 310 SUGV only.

Part # 4234344

2.4 GHz Communications Package

Includes a 2.4 GHz radio payload for the robot and an external radio that mounts on the OCU. For use in the United States without an FCC license. For use with 310 SUGV only.

Part # 4237525

Dual Battery Charger

Charges two batteries simultaneously in three hours or less. Powered by 90 to 264 VAC Single Phase (47 to 420 Hz), 20-33 VDC. (Requires either the Dual BB-2590/U Battery Charger Adapter – Part #4180844 or the Dual BB-2557/U Battery Charger Adapter Part # 4185305.)

Part # 18586

Listed on GSA

Eight-Bay Battery Charger

Charges eight batteries in eight hours or less, two batteries simultaneously with six batteries in queue. Powered by 90 to 264 VAC Single Phase (47 to 420 Hz), 20-33 VDC. (Requires either the Dual BB-2590/U Battery Charger Adapter – Part #4180844 or the Dual BB-2557/U Battery Charger Adapter Part # 4185305.)

Part # 18587

Listed on GSA

BB-2590/U Battery Charger, Single, Low Rate

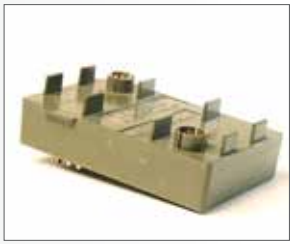
Single-station battery charger for BB-2590/U batteries. Charges BB-2590/U within 10 hours. Powered by 100 to 230 VAC (50-60 Hz), 10-16 VDC.

Part # 18584

Dual BB-2590/U Battery Charger Adapter

Charges one or two BB-2590/U batteries in 3.5 hours or less. (Required for use with the BB-2590/U Battery Charger, Dual, High Rate – Part #18586 and BB-2590/U Battery Charger, 8 Bay, High Rate – Part #18587.)

Part # 4180844



Dual BB-2557/U Battery Charger Adapter

Charges one or two BB-2557/U batteries in 3.5 hours or less. (Required for use with the Dual Battery Charger – Part #18586 and Eight-Bay Battery Charger – Part #18587.)

Part # 4185305

BB-2590/U Battery Charger, Single, Medium Rate

Single-station battery charger can be powered by 115/230 V AC, 50/60 Hz main power and 12V DC automotive power sources. Charges battery in six hours or less.

Part # 18585

Listed on GSA

BB-2590/U Lithium Battery

Rechargeable, 24V lithium-ion battery with state-of-charge display. Use of two BB-2590/U batteries provides about 6 to 7 hours of operational time. Check with shipping company for domestic and international guidelines.

Part # 4151798

BB-2557/U Lithium Battery

Rechargeable, 24V lithium-ion battery with state-of charge display. Use of two BB-2557/U batteries provides about 1.5 to 2 hours of operational time. Check with shipping company for domestic and international guidelines. (May require BB-2557/U Battery Adapter – Part #4184475.)

Part # 4184683

BB-2557/U Battery Adapter

Enables use of lightweight BB-2557/U batteries on a SUGV chassis.

Part # 4184475

DC Power Cable for Chargers

Enables battery chargers to be powered directly by a 24V DC power source in military vehicles via the NATO Slave connector.

Part # 4303778

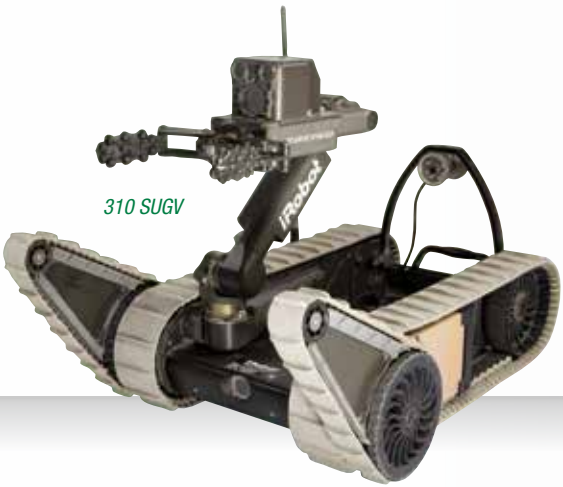
Product Training

iRobot offers a wide range of flexible and targeted training support packages to meet your product training needs.

Taught by iRobot master trainers, training courses are designed to meet all levels of operator experience and can be tailored to your specific needs. Courses include classroom instruction with computer-based learning and practical hands-on exercises with the robot that comprehensively cover operation and maintenance. Exercises can be tailored to the experience level and aptitude of individual participants and learning is enhanced with one-on-one coaching from the instructor.

Courses are taught over one, three or five days; training takes place at iRobot's corporate training center in Bedford, Massachusetts, U.S.A. or at a location chosen by you.

For more information, contact iRobot by e-mail at training@irobot.com



310 SUGV

XM1216 SUGV

Product Support

iRobot offers a full range of product support:

Technical Support – Get fast answers to your questions with technical support by telephone, e-mail and on the web.

Depot Repairs and Upgrades – Extensive services ensure your robots are properly repaired and equipped with the latest hardware, software, features and functionality.

Spare Parts and Accessories – Keep your robots in top operational condition and expand their capabilities with a wide variety of spare parts and accessories.

Service Plans – Annual coverage includes on-site service, operator and maintenance training, battery replacement and a maintenance credit for non-warranty repairs and technical support.

An Extended Warranty – Protect your robot with a one-year extension of the standard warranty.

For more information about product support, contact iRobot by e-mail at gisupport@irobot.com or by telephone at 781.430.3030.

For more information or a quote, contact iRobot at sales@irobot.com or toll-free in the U.S. at 888.776.2687. International customers, call +1.781.430.3090.

iRobot: The Robot Company

iRobot designs and builds robots that make a difference. iRobot's unmanned ground vehicles (UGVs) and unmanned underwater vehicles (UUVs) perform multiple missions, provide enhanced situational awareness and reduce risk for warfighters and public safety professionals.

With two decades of leadership in the global robot industry, iRobot remains committed to establishing robot and software platforms for invention and discovery, building key partnerships to develop mission-critical payloads and creating robots that improve the standards of safety and living worldwide.

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