iRobot® PackBot® Accessories | Summer 2008

Protecting warfighters and first responders with additional mission capabilities
iRobot offers a complete line of accessories for the iRobot PackBot tactical mobile robot. Each accessory adds additional capabilities to the robot, expanding its range and scope of missions.

More than 1,500 PackBot robots have been delivered worldwide as of May 2008, successfully performing dangerous missions while keeping warfighters and first responders out of harm’s way. From bomb disposal and checkpoint inspections to reconnaissance and route clearance, PackBot is a versatile and adaptable robot capable of performing a range of missions.

Additional spare parts are also available.

For more information or a quote, contact iRobot at sales@irobot.com or toll-free in the U.S. at 888.776.2687. Outside the U.S., call 781.430.3000.

For support, contact iRobot at packbot-support@irobot.com or 781.430.3030

Based on user feedback, this edition of the iRobot PackBot Accessories Catalog features a variety of new solutions to make the PackBot more functional and easier to use:

- The iRobot PackBot Upgrade Kit retrofits previous-generation PackBot robots – including the PackBot EOD and PackBot MK1 (MTRS) – with the latest hardware and software of the PackBot 510 with EOD Kit. .................................................. Pages 2-3

- The Hand Controller reduces training time and makes operation in the field easier. ............... Page 9

- The RCV BB-2590/U Battery Retrofit Kit allows the PackBot to be powered with a standard battery in the U.S. Army’s supply chain. .................................................. Page 12

- The CommSelect™ 5140 Kit improves radio performance by reducing interference. ............... Page 15

Throughout this catalog, you’ll find many robot accessories, communications accessories, control unit accessories, power accessories and more.

Thank you for your suggestions – and please keep them coming; we continually improve our robots and accessories based on your feedback.
Upgrade your robot to a PackBot 510 with EOD Kit

The iRobot PackBot Upgrade Kit retrofits previous-generation PackBot robots — including the PackBot EOD and PackBot MK1(MTRS) — with the latest hardware and software of the PackBot 510 with EOD Kit.

- Make your PackBot faster, stronger and easier to use...
- Cost effectively upgrade to current-generation hardware and software...
- Enhance the robot’s capabilities right away and quickly integrate future tools...

Upgrade Kit Improvements and Benefits

New Accessory Options
- Tools
- Sensors
- Cameras
- Hand Controller

PackBot MK1 (MTRS)

Accessory Connector on Attack Head

Improved Vision in Low-Light Conditions

PackBot 510 with EOD Kit

2x Arm Lift Capacity

3x Gripper Capacity

FWD Facing Gripper Cameras

Adjustable Grippers

30% Faster

Improved Track Technology

18% More Pull Strength

33% Reduction in Full System Boot-Up Time

iRobot PackBot Upgrade Kit Contents
- Chassis Hardware and Software Upgrades
- Manipulator 1.0 Hardware Upgrade
- Portable Command Console (PCC) Software Upgrades
- PackBot 510 User Manual
- Two Hand Controllers
- Hand Controller Quick Reference Card
- A $500 Credit for Miscellaneous Parts and Labor
- Limited One-Year Warranty

Chassis Specifications with PackBot Upgrade Kit
- Onboard mobile Pentium® PC, 256 MB SDRAM, onboard overheat protection, compass accelerometers, inclinometer
- Height: 16” with manipulator in stowed position
- 87” with manipulator fully extended
- Width: 16” with Quickflip flippers off
- 20.5” with flippers on
- Length: 32” with flippers stowed
- 40” with flippers extended
- Weight: 68 lbs (includes 2 batteries)
- Speed: 5.8 mph (2.6 m/s)

Total Capacity
- Eight payload bays
- Can carry up to 46 lbs (20.9 kg) at one time

Battery Endurance
- 2 NiCad packs 2-12 hours depending on mission profile (optional 4-24 hours with Battery Expansion Kit)
- Up to 6+ miles (9.6 km) of travel

Communications
- RF: Fully digital 2.4 GHz (up to 3,280’ / 1000 m range* line of sight) Long range antenna (optional)
- Configuration dependent

Manipulator 1.0 Specifications with Upgrade Kit
- Extension: 80” (203.2 cm)
- Lifting capacity:
  - 10 lbs (4.5 kg) at full extension
  - 30 lbs (13.6 kg) at close-in position
- Degrees of Freedom (DoF)
- Shoulder rotation (continuous):
  - Shoulder pivot: 220º
  - Elbow 1: 340º
  - Elbow 2: 340º
- Gripper rotation (continuous):
  - Gripper open: 180º
- Head rotation (continuous):
  - Head tilt: 220º

Accessory port provides system power (18-28 v @1.8A), video and USB communications
Adjustable gripper fingers can be straight out, 45 degrees or 90 degrees

PackBot 510 with EOD Kit

2x Arm Lift Capacity
3x Gripper Capacity
FWD Facing Gripper Cameras
Adjustable Grippers
Robot Accessories

Flipper Tool Bar Kit
Supports multiple tools that mount between PackBot’s front flippers. Uses robot flippers to move implements up and down with great dexterity and strength. Attaches and detaches in seconds without the use of tools. Flipper Tool Bar Kit is indexable in 22.5° increments. Disassembles for compact storage. Includes one repositionable “Ripper Blade” implement. Other tools sold separately. Requires Flipper Drill Guide Kit if flippers are not pre-drilled. (See Compatibility Chart, pages 18-21.)
Part # 12889

Main Ordnance Lift Kit
Supports multiple tools that mount at rear of PackBot. It has a large lift capacity handling ordnance up to 155 mm shells weighing about 100 lbs (45 kg). Uses robot flippers to power implements up and down. Attaches and detaches in seconds without the use of tools. Main Ordnance Lift Kit is indexable in 22.5° increments. Implements attach and detach without the use of tools. Disassembles for compact storage space. Includes four repositionable “Ordnance Tine” implements. Requires Flipper Drill Guide Kit if flippers are not pre-drilled. (See Compatibility Chart, pages 18-21.)
Part # 12894

Adjustable Gripper Finger Kit
This field replaceable kit allows the user to set the gripper fingers in various positions by manually adjusting a screw, resulting in easier manipulation and customization based on user preferences or mission needs.
Part # 17845

Route Clearance Tool Kit
Tools include a rake, scoop, mine fork, probe and hook for digging, probing and identifying buried obstacles. Tools mount to the Flipper Tool Bar Kit and Main Ordnance Lift Kit. (Both sold separately.) (See Compatibility Chart, pages 18-21.)
Part # 19418

Main Ordnance Lift Kit
Supports multiple tools that mount at rear of PackBot. It has a large lift capacity handling ordnance up to 155 mm shells weighing about 100 lbs (45 kg). Uses robot flippers to power implements up and down. Attaches and detaches in seconds without the use of tools. Main Ordnance Lift Kit is indexable in 22.5° increments. Implements attach and detach without the use of tools. Disassembles for compact storage space. Includes four repositionable “Ordnance Tine” implements. Requires Flipper Drill Guide Kit if flippers are not pre-drilled. (See Compatibility Chart, pages 18-21.)
Part # 12889

Picatinny Rail Tube Mount Kit
Attaches to any of the PackBot arm tubes allowing the user to attach Picatinny-compatible items, such as tactical lights, sensors, and lasers. Installs quickly using only a screwdriver. (See Compatibility Chart, pages 18-21.)
Part # 15089

WB-2 Glass Breaker
Quickly and cleanly breaks vehicle windows and building glass. Specially constructed from reinforced metal and plastic composite. Features quick release mechanism and lower rail for additional Picatinny mounted devices. Mounts to the robot using the QuickClamp Picatinny Rail Kit (sold separately).
Part # 19368

Picatinny Rail Tube Mount Kit
Attaches to any of the PackBot arm tubes allowing the user to attach Picatinny-compatible items, such as tactical lights, sensors, and lasers. Installs quickly using only a screwdriver. (See Compatibility Chart, pages 18-21.)
Part # 15089

M3X Tactical Illuminator Flashlight with X-Series Flip-Up Filter
Increases low-light performance of robot. Provides peak output of 125+ lumens. Includes the X-Series Flip-Up Filter (infrared), which fits over the bezel assembly. Lithium battery provides approximately one hour of run time. Mounts to the robot using the QuickClamp Picatinny Rail Kit or Picatinny Rail Mount Kit (sold separately).
Part # 19478

For more information or a quote, contact iRobot at sales@irobot.com or toll-free in the U.S. at 888.776.2687. Outside the U.S., call 781.430.3000.
QuickClamp Fireset with Accessory Connector
Allows for fast and reliable installation and removal of a variety of head-mounted accessories, including disrupters. Fireset includes binding posts for electrical initiation of pyrotechnic devices over a secure, encrypted Safe Firing System. Includes an accessory connector for expansion or third-party developers. The connector provides power and receives USB and video data. Users may adapt new tools to this standard mount.
(See Compatibility Chart, pages 18-21.)
Part # 18207

QuickClamp Mount with Accessory Connector
Allows for fast and reliable installation and removal of a variety of head-mounted accessories. Includes an accessory connector for expansion or third-party developers. The connector provides power and receives USB and video data. Users may adapt new tools to this standard mount.
(See Compatibility Chart, pages 18-21.)
Part # 14065

QuickClamp Fireset without Accessory Connector
Allows for fast and reliable installation and removal of a variety of head-mounted accessories, including disrupters. Fireset includes binding posts for electrical initiation of pyrotechnic devices over a secure, encrypted Safe Firing System. Users may adapt new tools to this standard mount.
Part # 14107

QuickClamp Accessory Mount
Modular clamp system attaches to PackBot arm. Supports various disrupters and tools, including PAN, Proparms, and Richmond. Once installed, tools and disrupter mounts attach and remove in seconds without tools. Users may adapt new tools to standard mount.
Part # 14065

PackBot Blast Shield with Clutch Upgrade Kit
Upgrade the blast shield of your PackBot EOD. Improved clutch design provides longer product life.
Part # 18215

ICx Fido® Explosives Detection Kit
Add remote explosives detection capability to PackBot to protect personnel. Sensor employs ultra-sensitive vapor detection. Sensor data is relayed back to the PCC in visual and audio formats. Fido sensor can be removed and used for handheld detection purposes. Kit includes payload-to-robot adaptor. Additional software may be required.
(See Compatibility Chart, pages 18-21.)
Part # 19468

Composite Window for Low Light Upgrade Kit
Window upgrade improves low-light attack camera performance when operating with lights on. Uses integrated light baffle that blocks light reflections in the window to eliminate camera washout. Upgrade recommended for PackBot EOD.
(See Compatibility Chart, pages 18-21.)
Part # 18105

LWIR Thermal Camera Kit
Compact, lightweight camera features large field of view and provides increased situational awareness. Close-to-medium range detection and identification in fog, smoke, low light and no light. (See Compatibility Chart, pages 18-21.)
Part # 4177974

FLIR Camera Installation Kit
 Enables installation of a FLIR Thermovision® Micron Camera inside a PackBot Scout or Explorer payload for a variety of reconnaissance, security and military applications, including nighttime and low-light operations. The FLIR Thermovision Micron Camera must be purchased separately from FLIR Systems (www.combsbyindigo.com)
Part # 16023

Note: Disrupters cannot be fired from a robot equipped with this accessory.
Safe Firing System Key or Code Plug Kit
Key is interchangeable with original PackBot EOD or PackBot 510 with EOD Kit key. No reprogramming required. Insert key in firing circuit and use as normal. Enables iRobot logo lanyard.
Part # 12126

Replacement Main PackBot Track (Rounded)
Streamlined tracks with rounded cleats minimize detracking and optical fiber entanglement while delivering the same maneuverability through rough and varied terrain. Replacement Flipper Track sold separately.
Part # 18285

Replacement PackBot Flipper Track (Rounded)
Streamlined tracks with rounded cleats minimize detracking and optical fiber entanglement while delivering the same maneuverability through rough and varied terrain. Replacement Flipper Track sold separately.
Part # 18287

CMD Spool Kit
Allows the operator to place a charge, then back off to a safe standoff distance before firing the device using the safe firing circuit. Guide ball keeps firing cable (25 meters) outspooling smoothly. Spool attaches and removes from mount in seconds without tools. Mount attaches to the Quick-Clamp Fireset for compatible robots. (See Compatibility Chart, pages 18-21.)
Part # 13647

Three Case Shipping Option
Rugged, lightweight cases for PackBot robot and control unit. Cases enable easier transport in smaller vehicles and as checked luggage on commercial aircraft. Cases feature five press and pull latches, three double-layered soft-grip handles, two lockable hasps, inline wheels and a telescoping handle. (See Compatibility Chart, pages 18-21.)
31.3'' L x 20.4'' W x 12.2'' H
Part # 15831

Accessories Shipping Case for PackBot Scout and PackBot Explorer
Waterlight case stores and protects the operator control unit, joystick, headset, MicroCharger and extra batteries during transportation.
Part # 16014

Hand Controller Upgrade Kit
Allows the user to make a legacy PCC compatible with the new Hand Controller. Includes two hand controllers with Fischer connectors, a hard drive with mounting bracket, a Quick Reference Guide and supporting documentation. Easy-to-learn and use, the hand controller improves ease-of-operation and reduces on-robot training time. (See Compatibility Chart, pages 18-21.)
Part # 18953 (for PackBot EOD)
Part # 17839 (for PackBot (MTRS) MK1)

Single Hand Controller Kit
For use with a previously purchased PCC and/or system with hand controller software support enabled. Also for use as an additional controller. Includes one hand controller, a quick reference guide and supporting documentation. Easy-to-learn and use, the hand controller improves ease-of-operation and reduces on-robot training time. (See Compatibility Chart, pages 18-21.)
Part # 17364

Audio and Video Out Cable for PCC
Converts A/V signals to three standard RCA plugs. Plugs into standard PackBot PCC Audio Video Out connector. Allows screen to be displayed on composite external monitor and audio to be played over speakers. Full screen information and audio can be recorded to external device (camcorder, DVD recorder, VCR) in real time. Cable approximately 2m in length.
Part # 10638

For more information or a quote, contact iRobot at sales@irobot.com or toll-free in the U.S. at 888.776.2687. Outside the U.S., call 781.430.3000.
iRobot platforms support a variety of disrupters. Disrupters can be electrically initiated or Shock Tube initiated. Contact disrupter manufacturer for details. Electrical initiation can be provided by iRobot PackBot Safe Firing System. Shock Tube initiation requires the Single Channel Shock Tube Initiator. (See chart for specific robot-disrupter compatibility.)

Note: Robots incapable of firing disrupters due to their original configurations can be adapted to accept disrupters. Contact iRobot for more information.

Proparms 20mm Recoless® Disrupter

Proparms 20mm Recoless® Disrupter Mount
Modular clamp system attaches to QuickClamp Accessory Mount to the Proparms 20mm Recoless Disrupter. QuickClamp Accessory Mount is required to install this disrupter mount. Attaches and removes from clamp in seconds. Part # 14064

Proparms 12.5mm Recoless® Disrupter
Attaches to iRobot’s Proparms 12.5mm Recoless Disrupter Mount. Mounts at QuickClamp Accessory Mount or Quick-Clamp Fireset locations. Electrically initiated. Recoless operation produces minimal physical shock. Order Proparms disrupters directly from www.proparms.com

Proparms 12.5mm Recoless® Disrupter Mount
Modular clamp system attaches at QuickClamp Fireset and QuickClamp Accessory Mount to support the Proparms 12.5mm Recoless Disrupter. This mount attaches and removes from clamp in seconds. Part # 14063

Richmond RE70 M3 Disrupter
Fits in Richmond Recoless Disrupter Mount. Mounts at QuickClamp Accessory Mount. Electrically initiated or shock tube initiated. (Requires the Single Channel Shock Tube Initiator.) Recoless operation produces minimal physical shock. Order disrupters directly from www.richmondeeai.co.uk

Richmond Recoless Disrupter Mount
Attaches at QuickClamp Accessory Mount. Includes two integrated lasers for sighting. This mount attaches and detaches from clamp in seconds. Supports Richmond RE12-12, RE50-28 M2 and RE70 M3. Quick Clamp Accessory Mount is required to install this disrupter mount. Part # 14111

Richmond RE12-12 Disrupter
Fits in Richmond Recoless Disrupter Mount. Mounts at QuickClamp Accessory Mount. Electrically initiated or Shock Tube initiated. (Requires the Single Channel Shock Tube Initiator.) Recoless operation produces minimal physical shock. Uses standard 12 gauge blanks. Order Richmond disrupters directly from www.richmondeeai.co.uk

Richmond RE70 M3 Disrupter
Fits in Richmond Recoless Disrupter Mount. Mounts at QuickClamp Accessory Mount. Electrically initiated or shock tube initiated. (Requires the Single Channel Shock Tube Initiator.) Recoless operation produces minimal physical shock. Order disrupters directly from www.richmondeeai.co.uk

PAN Disrupter™ Mount
Allows easy installation of the PAN Disrupter on Link 2 of the iRobot PackBot 510. Gas shock absorbers dissipate recoil when the disrupter is fired, ensuring robot safety and minimal recoil. QuickClamp Accessory Mount is required for installation. Firing the PAN Disrupter also requires Single Channel Shock Tube Initiator. Part # 17955

PAN Disrupter™TM Percussion-Actuated Non-electric (PAN) Disrupter is available from Ideal Products Inc. at 859.255.7738.

Single Channel Shock Tube Initiator
Gives users the ability to initiate shock tube from the firing circuit on the Safe Firing System. Attaches to the head-mounted QuickClamp Fireset. Mounts and dismounts from robot in seconds. Good for 10,000 shots. For disrupters that require shock tube initiation such as PAN disrupters. (See Compatibility Chart, pages 18-21.) Part # 16637

For more information or a quote, contact iRobot at sales@irobot.com or toll-free in the U.S. at 888.776.2687. Outside the U.S., call 781.430.3000.
BB-2590/U Lithium Battery
Rechargeable, 24V lithium ion battery with state-of-charge display. Use of two BB-2590/U batteries per cradle recommended for optimum performance. Check with shipper for domestic and international shipping guidelines. (Some robots also require the BB-2590/U Battery Retrofit Kit - Part # 18616. See Compatibility Chart, pages 18-21.) Part # 4151798

RCV BB-2590/U Battery Retrofit Kit
Retrofits PackBot robots enabling use of the BB-2590/U Lithium ion rechargeable battery in current use. Plug-and-play kit includes a cradle that accommodates two batteries. Use of two BB-2590/U batteries recommended for optimum performance. Part # 18016

MicroCharger Vehicle Power Cable Assembly
24 Volt DC input option for military vehicle installation (11-30 VDC). This accessory powers the MicroCharger from a vehicle (MicroCharger sold separately). Uses tinned leads to connect to vehicle power source. Part # 18251

BB-2590/U Battery Charger, 8 Bay, High Rate
Portable battery charger designed for field or depot use. Charges 8 batteries (2 simultaneously, with 6 batteries in queue) in 8 hours or less with easy-to-follow LED lighting sequences. Charges and maintains a variety of batteries using the appropriate mating adapter. Charging system is upgradeable in the field or a desktop environment through the RS232 port and a computer link. (Note: To charge two BB-2590/U batteries, requires one Dual BB-2590/U Battery Charger Adapter - Part # 4180844.) Part # 18587

BB-2590/U Battery Charger, Dual, High Rate
Portable battery charger designed for field or depot use. Charges two batteries simultaneously in 3 hours or less with easy to follow LED lighting sequences. Charges and maintains the range of military communication and electronic (CE) batteries using designated adapter. Charging system is upgradeable in the field or a lab environment through the RS232 port. (Note: Requires one Dual BB-2590/U Battery Charger Adapter - Part # 4180844.) Part # 18586

BB-2590/U Battery Charger, Single, Low Rate
Single-station battery charger for BB-2590/U batteries. Charges BB-2590/U within 10 hours. Part # 18584

BB-2590/U Battery Charger, Single, Medium Rate
Single-station battery charger can be powered from 115/230 Vac, 50/60 Hz mains power or from 12Vdc automotive power sources. Unit charges BB-2590/U in 6 hours or less. Part # 18585

Dual BB-2590/U Battery Charger Adapter
Used with the appropriate battery charger, adapter charges one or two BB-2590/U batteries in 3.5 hours or less. Adapter 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

For more information or a quote, contact iRobot at sales@irobot.com or toll-free in the U.S. at 888.776.2587. Outside the U.S., call 781.430.3000.
NiCad Battery Pack with LCD Battery Power Display
Compatible with all PackBot robots and selected robot control units, such as the PCC.
Part # 11076

NiCad Battery Strap Kit
Increases run time of the PackBot by allowing installation of additional NiCad batteries in one (or both) of the two rear battery ports. (One kit per battery required.)
Part # 8009

Single MicroCharger Kit
Charges NiCad Battery Pack. Charger housing employs dustproof / waterproof design. 24 Volt DC input option for military vehicle installation. Indicator LEDs provide charger status. AC Adapter accepts 120 - 240 AC Voltage input range. Modular cord set allows adaptation to local mains. Mounting tabs allow charger housing to be positively secured. Kit includes case.
Part # 13084

Dual MicroCharger Kit
Charges NiCad Battery Pack. Charger housing employs dustproof / waterproof design. 24 Volt DC input option for military vehicle installation. Indicator LEDs provide charger status. AC Adapter accepts 120 - 240 AC Voltage input range. Modular cord set allows adaptation to local mains. Mounting tabs allow charger housing to be positively secured. Kit includes case.
Part # 13086

Fiber-Ethernet Converter Box and OCU Fiber Module
Enables compatibility between the Universal SmartSpool™ Fiber Optic Spooler and the Operator Control Unit. (See Compatibility Chart, pages 18-21.)
Part # 180088 (for PackBot 510 configurations)
Part # 18702 (for PackBot Scout and PackBot Explorer)

Power Accessories

CommSelect™ 5140 Kit
Communications link providing improved radio performance that is less susceptible to interference from sources of 2.4 GHz noise. Includes radio payload with integral antenna that fits in the PackBot payload bay and external radio with integral antenna that mounts to the outside of PCC. (See Compatibility Chart, pages 18-21.)
Part # 4153795

2.4 GHz Long Range Antenna Kit
Increases PackBot’s wireless radio communications from ~300 m to ~800 m (line of sight). Includes tripod with adjustable legs. Uses two high-gain directional antennas. Two 3.5 m antenna cables included. Cables screw onto standard PCC antenna connectors.
Part # 9484

Adapter Kit for 2.4 GHz Long Range Antenna
Kit to be used with operator control units for the PackBot Scout and PackBot Explorer robots.
Part # 17216

HMMWV Mounted 2.4 GHz Long Range Antenna
Increases range of PackBot wireless radio communications from ~300 m to ~800 m (line of sight). Versatile clamp attaches antenna to military vehicles and structures. Disassembles into compact transportable modules. Uses two high-gain directional antennas. Elevates antennas 2.5 m above clamp mounting point. Two 3.5 m antenna cables included. Waterproof and dustproof design. Cables screw onto standard PCC antenna connectors.
Part # 9484

For more information or a quote, contact iRobot at sales@irobot.com or toll-free in the U.S. at 888.776.2687. Outside the U.S., call 781.430.3000.
Developer accessories and services are intended to support third-party technical development and the productization of the resulting work. iRobot views collaboration with external developers as an essential way to provide a broad range of new capabilities to warfighters and first responders.

**Note:** Several Developer Support Packages are available. Packages include a block of engineering support time, documentation, robot models and interface descriptions. For more information, contact devsupport@irobot.com

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**Single Wide Payload Tub Kit**
Includes a plastic tub that spans a single payload slot in the rear of any PackBot chassis; cover plate; internal mounting plate for securing payload components; integrated payload connector and Paybreak Light Kit that provide standard access to PackBot interfaces; and a full set of spares.
Part # 4131560

**Double Wide Payload Tub Kit**
Includes a plastic tub that spans two payload slots in the rear of any PackBot chassis; cover plate; internal mounting plate for securing payload components; integrated payload connector and Paybreak Light Kit that provide standard access to PackBot interfaces; and a full set of spares.
Part # 4131240

**Triple Wide Payload Tub Kit**
Includes an aluminum tub that spans all three payload slots in the rear of any PackBot chassis; cover plate; internal mounting plate for securing payload components; integrated payload connector and Paybreak Light Kit that provide standard access to PackBot interfaces; and a full set of spares.
Part # 4131243

**Programming Tether**
Custom Ethernet and Serial cable for interfacing with PackBot.
Part # 5605

**Paybreak Light Kit**
Designed to speed development on PackBot by providing standard electrical interfaces to the system. The Paybreak Light Kit provides Ethernet, Regulated 5V and 12V, Unregulated 18-30V and two NTSC video channels.
Part # 4131242

**AC Power Adapter Kit**
Designed to facilitate rapid development on PackBot. Kit includes an AC power source that plugs into the side-pod payload bay connector usually used by the NiCad battery.
Part # 13808

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**Product Training**

iRobot offers a wide range of flexible and targeted training support packages designed to meet the training needs of our customers. Taught by iRobot master trainers, training courses are designed to meet all levels of operator experience. Training is conducted at iRobot’s corporate training center in Bedford, Massachusetts, USA, or off-site at a location chosen by the customer. Training courses cover product overviews, robot operation, hands-on exercises and training guides. Topics include operator skills, user maintenance and refresher courses. Train-the-Trainer certification and multi-media support products are also available.

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**Product Support**

iRobot offers product support by telephone, e-mail and on the web.

- **Spare parts and accessories** – A full line of spare parts and accessories is available to keep your robots working.
- **Depot repairs and upgrades** – Extensive services ensure your robots are properly repaired and equipped with the latest features and functionality.
- **Technical support** – Get fast answers to your technical questions by telephone, e-mail, or on the web.
- **Support website** – Download product manuals, maintenance information, technical support bulletins, answers to Frequently Asked Questions (FAQ’s) and more.
- **Customer training** – iRobot provides a wide range of training support programs.

For questions, contact iRobot Support at packbot-support@irobot.com or by telephone at 781.430.3030.
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* Order directly from third-party manufacturer

+ Use of this item may require removal of existing payloads

◊ Purchasing this accessory may require the purchase of another accessory dependent on robot configuration. Communicate with RoboSoft sales to confirm.

Some Accessories may require additional software. Communicate with iRobot sales personnel to confirm.
## MOUNTS AND DISRUPTERS continued...

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## POWER ACCESSORIES

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<th>Adapter Kit for 2.4 GHz Long Range Antenna</th>
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<th>CommSelect™ 5140 Kit</th>
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## COMMUNICATION ACCESSORIES

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* Order directly from third-party manufacturer
* Purchasing this accessory may require the purchase of another accessory dependent on robot configuration. Communicate with iRobot sales to confirm
* Some Accessories may require additional software. Communicate with iRobot sales personnel to confirm.
* Use of this item may require removal of installed payloads
iRobot: The Robot Company

iRobot is a global leader in practical robots. Founded in 1990, iRobot designs and builds tactical mobile robots that provide enhanced situational awareness and increase mission success for warfighters and first responders.

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