ActivMEDIA ROBOTICS

Educational Price List

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BLUE = MOST POPULAR

RED=NEW ITEMS OR PRICES

Item ID	Item Description		List $US	Educ. $US
COMPLETE ROBOT SYSTEMS, with most options included		PowerBot, PeopleBot and AmigoBot are trademarks of ActivMedia Robotics, LLC	**www.activrobots.com**	
POWERBOT & PEOPLEBOT SYSTEMS			**$US**	**$US**
POW0002	Complete Laser PowerBot with Arm	PowerBt 2-wheel diff dr base, 2 casters, Laser Map/Navigation, PTZcam, micrtlr, 28sonar, bump, 2 batt, 500tick enc, onbd PC,1GHz+, PCI, shock-mt 20Ghd, ether & Access Pt, docs, ARIA/Saphira +6dof industrial arm, EyeCam, grip; Linx, batt,chgr(+$500WIN)	84,995	76,495
PAT0002	Research PatrolBot	PatrolBot 2-wheel diff dr base, 2 casters, Laser Map/Navigation, ARIA/Saphira, 2-way audio, mic, spkrs, gyro, sonar, bump, auto-dock, 2 batt, 500tick enc, 850 MHz+ onbd PC, shock-mt 20Ghd, wireless ether, docs	35,000	31,500
CHR0001	Research Robotic Chariot	Robotic Chariot 2-wheel diff dr base, upholstered seat, 4 casters, Laser Map/Navigation, ARIA/ARNL, gyro, sonar, bump, batt, 500tick enc, 850 MHz+ onbd PC, shock-mt 20Ghd, wireless ether, touchscreen interface, docs	49,995	39,995
POW0004	PowerBot AGV	'PowerBt 2-wheel diff dr base, 2 casters, micrtlr, 28sonar, bump, 500tick enc, onbd PC, 1GHz+, PCI, shock-mt 20Ghd, docs, ARIA/Saphira; Linux install & CD, 2batt,chrgr, LASER MAP&NAV; EtherSta&AccPt	39,995	34,495
PEOL004	Auto-Dock PeopleBot Guide w/Surveillance	Plug-n-Play: Performance PeopleBot , TOUCHSCREEN,10bump, 24sonar. 2IR, 4brk beams, ARIA&Saphira, embed llnx PC, speech/voice, Ether Sta Adap & 1 Acces Pt , Audio spkr/mic,Track/Surv/V 3 batts, DOCK STATION + LASER MAP & NAVIGATION INCLUDED!	39,995	34,995
PEOL003	Black Perf PeopleBot Linux	Complete Black & Silver Performance PeopleBot System, gripper,10bump, 24sonar. 2IR, 4brk beams, ARIA&Saphira, embed PC, audio spkr/mic, Ether Sta Adap &Acces Pt, Track/Surv/V 3 batts, HiCap chargr -LINX	29,495	24,495
PEOW003	Black Perf.PeopleBot WIN	Complete Black & Silver Performance PeopleBot System, gripper,10bump, 24 sonar. 2 IR, 4brk beams, ARIA& Saphira, embed PC, audio spkr/mic, Ether Sta Adap &Acces Pt, PTZTrack/Surv/V 3 batts, HiCap chargr -WIN	29,995	24,995
POW0001	PowerBot w Onboard PC&Ethernet	PowerBt 2-wheel diff dr base, 2 casters, micrtlr, 28sonar, bump, 2 batt, 500tick enc, onbd PC, 1GHz+, PCI, shock-mt 20Ghd, docs, ARIA/Saphira; Linux install & CD, battery, charger (+$500 MS WIN) robot-side wireless ethernet (access pt. sold separately)	24,995	23,745
ROBOT BASES, with options a la carte.				
including body, wheels, microcontroller and electronics, motors, encoders, 1 battery (capacity for three)				
ARIA Robotics Development Environment, Saphira 8 Navigation & Localization, AROS documentation, 1 year warranty on base				
POW0003	PowerBot Base	PowerBot 2-wheel diff dr base, 2castr, micrtlr, 28sonar, bumpers, 2 batt, 500tick enc, battery, charger, docs, ARIA/Saphira	21,995	19,995
PEO0001	Black Performance PeopleBot Base	Black & Silver Performance PeopleBot Base, 10 bump sensors, 24sonar. 2 fixed table-sensing IR, 4 break beams, ARIA&Saphira,1 battery (no gripper)	12,995	11,995
P3T0001	Pioneer 3-AT Mobile Robot Base	Pioneer 3AT Mobile Robotic skid-steer base w/ 4 drive wheels, microcontroller, motors, encoders, 1 battery, std. Pioneer software & no sonar, ARIA/Saphira	6,995	5,995
P3X0001	Pioneer 3-DX Mobile Base & front sonar	Pioneer 3DX Mobile Robotic differential drive base w/ 2 pneumatic drive wheels, 1 caster, microcontroller, motors, encoders, 1 battery, std. Pioneer sfwe & front sonar, ARIA/Saphira	4,195	3,695
ACCESSORIES				
ONBOARD COMPUTER & COMPUTER ACCESSORIES				
	PACKAGES FOR PIONEER3 AND PEOPLEBOT ROBOTS			
ACT0007	On-Board VS8 Computer	Onboard 850 MHz VERSALOGIC8 PC with PC104+ bus, 256 MG RAM, 2.5" 20 GB hard drive, control panels, plugs, cables, safe-shutdown & powering, installed inside Pioneer3 or PeopleBot robot	2,695	2,575
ACT0012	NEW! On-Board COBRA Computer	Onboard 1.6 GHz VERSALOGIC PC with PC104+ bus, 256 MG RAM, 2.5" 20 GB hard drive, control panels, plugs, cables, safe-shutdown & powering, installed inside Pioneer3 or PeopleBot robot	3,895	3,775
	PACKAGES FOR POWERBOT			
ACT0013	NEW! On-Board Dual PC	Second PC option for processor intensive applicatons. Available on any PowerBot with existing PC. 2GHz+ dual-processor computer mounted in custom enclosure on top of PowerBot. Package also upgrades primary PC to dual-processor unit	3,645	3,450
SOFTWARE INSTALLATION				
SOF0004	LINUX Install & test all sfwe	Install & test RedHat linux, Motiff & Std Pioneer2 sfwe, net configuration for Plug-N-Play ready system	295	195
SOF0012	WIN2K Install & test all sfwe	Pioneer3 sfwe and Win2k INSTALL, net configuration & testing for Plug-N-Play ready system	495	395
SOFTWARE OPTIONS & GUIDES				
SOF0015	Laser Mapping & Navigation Upgrade	Laser Mapping & Navigation Software (Laser Mapper, Map Editor, ARIA Laser Log, Saphira 8 Laser Navigation & Localization) + Documentation (FOR EXISTING ROBOTS)	1,495	1,295
SOF0006	ACTS for Pioneer 3	ACTS ActivMedia Color-Tracking Software for color sensing with EZ-Train set-up, included in all "PTZ Tracking" packages below	495	395
SOF0013	Win2000 LICENSE & CD	Win 2000 license and CD	395	325

SPEECH, VOICE AND AUDIO

	Voice/Speech Software & Hdwe	Included standard in PeopleBots & PatrolBots; contact robots@activmedia.com for other custom inclusion	INQUIRE	INQUIRE

PAN-TILT-ZOOM (PTZ) VISION PACKAGES

Code	Name	Description	Price 1	Price 2
ACT0110	Low-Light / IR PTZ Camera Upgrade	Upgrade any above PTZ camera package with a Low-Light / IR camera	800	720

PACKAGES FOR ROBOTS WITH EMBEDDED COMPUTER AND WIRELESS ETHERNET ONLY

Code	Name	Description	Price 1	Price 2
ACTX041	Complete PTZ Track/Surv/Visn	PTZ104 NTSC Tracking/Surveillance/Vision System - incl robotic cam sys, PC104+ framegrabber, color-tracking, SAV (software AV), Pioneer interface & docs, installed	3,995	3,745
ACTX043	PTZ104 Custom Vision/Surv	PTZ104 NTSC Custom Vision System - incl robotic cam sys, PC104+ onbd framegrab, VisLib sfwe, SAV (Software AV), robot interface & docs, installed	3,295	3,130
ACT0099	PTZ UnderMt Complete	NTSC Lightwt Under-Mount Tracking Surveillance Vision for use w/P3DX w/ arm & other specializd apps. Version-C PTZ robotic cam, onbd PC104+ framegrabr, ACTS sfwe, VisLib libraries, SAV (software AV), robot interface, installd	4,295	4,030

PACKAGES FOR ROBOTS WITHOUT EMBEDDED COMPUTER ONLY

Code	Name	Description	Price 1	Price 2
ACTX048	PTZ Surveillance	PTZ NTSC Surveillance System for remote viewing- PTZ robotic camera system, AV Pro trans-rec, offboard PCI-framegrabber, robot interface, installed	3,695	3,510
ACT0100	PTZ UnderMt Surveillance	PTZ NTSC Lightweight Under-Mounted Surveillance System for use w/P3 with arm and other specialized appns. PTZ robotic camera system, AV Pro trans-rec, offboard PCI-framegrabber, robot interface, installed	3,995	3,795

PACKAGES FOR ROBOTS WITH LAPTOP COMPUTER ONLY

Code	Name	Description	Price 1	Price 2
ACT0050	Laptop PTZ Track/Vision	PTZ104 NTSC Tracking/Vision System - incl robotic cam sys, PCMCIA framegrabber, color-tracking, Pioneer interface & docs, installed	3,595	3,425

MANUAL-TILT VISION PACKAGES

PACKAGES FOR ROBOTS WITH LAPTOP COMPUTER ONLY

Code	Name	Description	Price 1	Price 2
ACT0037	Manual-Tilt Vision/Track	NTSC Tracking/Vision System - incl fixed cam sys, PCMCIA framegrabber, color-tracking, Pioneer interface & docs, installed	2,195	1,990
ACA0097	Manual-Tilt Custom Vision	NTSC Custom Vision System - incl manual tilt cam sys, PCMCIA framegrab, VisLib sfwe, Pioneer interface & docs, installed	1,595	1,446

PACKAGES FOR ROBOTS WITHOUT EMBEDDED COMPUTER ONLY

Code	Name	Description	Price 1	Price 2
ACA0092	Manual-tilt Surveillance	NTSC Color cam, manual-tilt mount, AV-trans/rec for Pioneer 3 plus PCI offbd. Framegrabber	1,396	1,256

STEREOVISION SYSTEMS

Code	Name	Description	Price 1	Price 2
ACA0095	Pan-tilt Color Digital Stereovision	Pan-tilt Stereovision for range-finding. Includes twin cameras, lenses, pan-tilt, firewire cd, cabling, stereovision software, camera drivers for Linux/WIN, cables, and mount. Pan-tilt is integrated in ARIA; no other software integration provided. Available on any suitably configured Pioneer or PowerBot.	11,995	9,995
ACA0096	Manual-tilt Color Digital Stereovision	Stereovision for range-finding. Includes twin cameras, lenses, firewire cd, cabling, stereovision software, camera drivers for Linux/WIN, cables, and manual-tilt mount. No software integration provided. Available on any suitably configured PeopleBot, Pioneer or PowerBot.	7,495	6,995

OMINIVISION 360 CAMERA

Code	Name	Description	Price 1	Price 2
ACT0108	Omnivision 360 degree Camera	Fixed mount camera with 360 degree parabolic mirror, de-warping software, installed	2,925	2,779

LASER & LASER NAVIGATION

Code	Name	Description	Price 1	Price 2
ACA0023	Complete Laser Mapping & Navigation System	Laser RangeFinder (SICK LMS200) + Laser Integration Pkg (cables, mount, Saphira 8 Laser Control Plug-In) + Laser Mapping & Navigation Software (Laser Mapper, Map Editor, ARIA Laser Log, Saphira 8 Laser Navigation & Localization) + Docs	8,995	7,495
ACA0101	Pan-Tilt Laser Avoidance Sensor	Laser RangeFinder (SICK LMS200) + Laser Integration Pkg (cables, mount, Saphira 8 Laser Control Plug-In) + Pan Tilt robotic joint (PowerBot, Robotic Chariot, PTRV & Pioneer3 AT only)	25,995	23,396
ACA0022	Laser Mapping & Navigation Integration	Laser Integration Pkg (cables, mount, Saphira 8 Laser Control Plug-In) +Laser Mapping & Navigation Software (Laser Mapper, Map Editor, ARIA Laser Log, Saphira 8 Laser Navigation & Localization) + Documentation (SICK LMS200 not incl.)	2,995	2,495

GPS SYSTEMS (for use outdoors only) Note: most GPS systems require custom antennas, and other details; please contact us.				
ACT0080	20cm Accurate GPS System	Novatel 12 channel GPS receiver and basestation w/L1 only antennas and telemetry link, installed, 20Cm accuracy 70% of time with differential. Raw serial data; **pricing shown is estimate; call for custom quote**	24,995	21,995
ACT0078	1m Accurate GPS System	Novatel 12 channel GPS receiver and basestation w/L1 only antennas and telemetry link, installed, 1m accuracy 70% of time with differential; position data. **pricing shown is estimate; call for custom quote**	19,995	17,995
ACT0079	2m Accurate GPS System	Avail. U.S. ONLY - Novatel GPS receiver and WAAS correction w/L1 only antenna, installed, 2m accuracy 70% of time without differential; raw serial data.**pricing shown is estimate; call for custom quote**	7,995	6,995
GYROSCOPIC CORRECTION				
ACT0090	Gyroscopic Correction System	Angular Rate Gyro w/ software to automatically correct motor encoder error, integrated into ARIA and Saphira; recommended for use on surfaces with high slippage; Linux or WIN	295	280
SONAR RINGS				
ACAT031	Front Sonar Ring, P3-AT	Optional Front Sonar Ring for Pioneer 2-(incl. with DX)	395	375
ACAX032	Rear Sonar Ring	Optional Rear Sonar Ring for AT or DX	495	470
PRESSURE SENSORS				
ACAX013	Bumper Pair	Bumper Pair for Pioneer 3-DX or P3-AT, 5 panel, 10 switch, 5 reading pressure sensing attachment, not compatible with gripper	995	945
ACAX014	Rear Bumper	Rear Bumper for Pioneer 3DX or 3AT, 5 panel, 10 switch, 5 reading pressure sensing attachment; use with front gipper	595	565
ORIENTATION SENSORS				
ACT0075	20deg IN/OUTDR POSITION SENSR	20 degree electronically gimbaled ferrous-compensating position sensor, case, serial cable fully integrated with AROS & user's manuals MOUNT 18" FROM ROBOT	1,395	1,295
ACT0076	50deg IN/OUTDR POSITION SENSR	50 degree electronically gimbaled ferrous-compensating position sensor, case, serial cable fully integrated with AROS & user's manuals MOUNT 18" FROM ROBOT	1,495	1,395
ARMS, GRIPPERS & OTHER EFFECTORS				
ACT0010	Pioneer 3 Arm	5 dof Arm plus 1dof gripper with foam-lined fingers, 60gm (2oz) payload, for instructional and research use in P3DX. Installation incl. if purchased with robot	4,995	4,495
ACT0010	PeopleBot Gripper	PeopleBot Tabletop 2 dof gripper with break beams, fixed IR for table sensing, and bottom pressure sensors for tabletops	2,495	1,995
ACA0011	P3 2-dof Gripper	2-dof Gripper for the P3, with electronics, integrated with AROS and Saphira, installed or with support for customer installation	2,095	1,990
ETHERNET COMMUNICATIONS				
ACT0036	11Mb Wireless Ethernet/PCMCIA Pkg	11 Mb fixed channel WaveLan Wireless Ethernet Station Adapter plus PC104+ PCMCIA adapter card, installed with antenna	995	945
ACT0086	11Mb Ethernet Access Point	11 Mb fixed channel WaveLan Wireless Ethernet Access Point for your network hub	995	945
ACT0106	NEW: Lo-speed Serial Ethernet Onbd	Low-speed serial radio Ethernet, for use on robot without onboard PC; requires either access point	595	545
ACT0097	RJ45 Ethernet Cable	RJ45 Ethernet Cable to connect robot Ethernet to Ethernet hub (12')	35	33
SERIAL CONNECTIONS & CONTROLLERS				
ACT0092	Inductive Direct-Drive Joystick	This Inductive, Direct-Drive Joystick and its electronics plug directly into a PeopleBot or P3 microcontroller so the robot can be driven without connecting to a computer.	350	300
ACT0093	LONG PIONEER TETHER	Long Pioneer Tether (8ft / 1.5m) db9	45	43
ACA0094	SHORT CONNECTOR	Pioneer-to-Laptop Short Connector (6in / 15cm) db9' INCLUDE VELCRO FOR LAPTOP	35	33

DOCK STATIONS, CHARGING & BATTERIES

ACA0099	PowerBot Robot Side Dock	PowerBot Robot-Side Auto Docking System & Laser Auto-Dock Software **** Laser and computer required ****	495	449
ACA0102	PowerBot Floor Side Dock	PowerBot Floor-Side Auto Docking System & Laser Auto-Dock Software **** Laser and computer required ****	1,495	1,345
ACA0013	PeopBot/P3DX Dock Robot side	PeopleBot / Pioneer 3DX Omni-directional Robot-Side Auto Docking System & Laser Auto-Dock Software	1,495	1,295
ACA0014	PeopBot/P3DX Dock Charge Station	PeopleBot / Pioneer 3DX Omni-directional Floor Auto-Charge Station (for robots with ACA0013 Robot-Side Docking System)	1,595	1,345
/SPECIAL	Dock Upgrade	PeopleBot/ P3DX Omni-directional Auto-Dock FACTORY UPGRADE, 110/220 Charger, Robot-Side Docking Electronics & Auto-Dock Software	INQUIRE	INQUIRE
ACT0072	High-Capacity Charger, 5x,110V	HIGH-CAPACITY CHARGER, 5x, 100-110V	295	280
ACT0073	High-Capacity Charger, 5x,220V	5X HIGH-CAPACITY CHARGER, 220V, adaptable for Europe, Asia, Australia	295	280
ACA0090	POWER CUBE	Slide-in Power Cube for simultaneously charging 3 batteries; also may be used as portable 5v 1.5amp or 12v 10amp power source *****CHARGER NOT INCLUDED*****	500	475
ACT0091	Std 110 Charger for P3 w/o OBC	Standard capacity 110v charger adequate for Pioneer without an onboard computer	69	62
ACT0087	7 AMP/HR BATTERY (Gel Cell)	7 Amp/Hour Gel Cell (add 2 to fill a Pioneer to capacity)	50	47
ACT0088	CASE, 7 AMP/HR BATTERY	CASE OF 10 7-Amp/Hour Gel Cells for Pioneer or PeopleBot	450	395

WARRANTY EXTENSIONS

PXW1	Extension of Warranty	Optional Extension of Warranty, PowerBot, PeopleBot or Pioneer Robots, first year	7.5% of accessory costs
PXW2	Extension of Warranty	Optional Extension of Warranty, PowerBot, PeopleBot or Pioneer Robots, additional years	10% of hardware costs
AMIXS1	Extended Service Agreemt. 1 yr	AmigoBot Optional Extended Service Agreement, 1 year on all parts and components; labor included; shipping additional.	80	80
AMIXS3	Extended Service Agreemt.-3yr	AmigoBot Optional Extended Service Agreement, 3 years on all parts and components; labor included; shipping additional.	200	200

RUSH, WIRE TRANSFER, LETTER OF CREDIT FEES

RUSH4	4-WK GUARANTEED RUSH SHIPMENT	Available on some orders; inquire	5% surcharge
RUSH2	2-WK GUARANTEED RUSH SHIPMENT	Available on some orders; inquire	10% surcharge
WIRE	Wire Transfer Fee	Bank fee for wire transfers	40	40
LC	Letter of credit	Extra charge for choosing payment by irrevocable letter of credit	900	900