

▶ **Rugged. Reliable. Commanding.**

▶ The rugged, reliable ATRV is the mobile robot of choice for your most demanding all-terrain projects. Commanding attention anywhere it goes, the ATRV has it all. Its low center of gravity, big knobby tires, impressive ground clearance, weather-resistant enclosure, over 220 pound payload capacity, plenty of sensor coverage and long run times enable the ATRV to overcome obstacles that would stop most any other robot dead.

▶ Whether you're hunting for land mines, mapping rough terrain or scouting out unknown territory, your ATRV will help you get your projects out of the lab and into the field faster and easier than ever before with the help of iRobot's rFLEX™ and Mobility™ packages, your ATRV will be facing the challenges of the great outdoors before you know it.



ATRV

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Specifications

Sonar:	11 (6 front, 4 side, 2 rear)
CPU:	Pentium based system
Batteries	4 Lead Acid, 1440W-hr total
Run Time:	4 to 6 hours terrain dependent
Charge Time:	4 hours (w/system off)
Translate Speed:	2m/s (6.6'/s)
Rotate Speed:	70°/s
Approach Angle:	45°
Decent Angle:	45°
Motor:	4 high torque, 24V DC servo
Drive:	4-wheel differential
Payload:	100 kg (220 lbs)
Height:	65 cm (25.6")
Length:	105 cm (41.3")
Weight:	118 kg (260 lbs)
Color:	Research Robot Red or special
Warranty:	2 years parts and labor

Accessories

- ▶ Computer Upgrades
- ▶ Memory Upgrades
- ▶ Additional Computer
- ▶ Wireless Communications
- ▶ 1 to 3Mbps Radio Ethernet
- ▶ Vision Systems
- ▶ High Performace Stereo Vision System
- ▶ PTZ Vision System
- ▶ Vision Components
- ▶ Navigation Sensors
- ▶ SICK LMS Laser Scanner
- ▶ Electronic Compass
- ▶ Absolute Orientation Sensor
- ▶ Inertial Navigation Sensor
- ▶ GPS/DGPS
- ▶ Speech Interfaces
- ▶ ASCII to Speech RS-232 Box
- ▶ Replacement Battery Pack

iRobot[™]
Research Robots Division

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