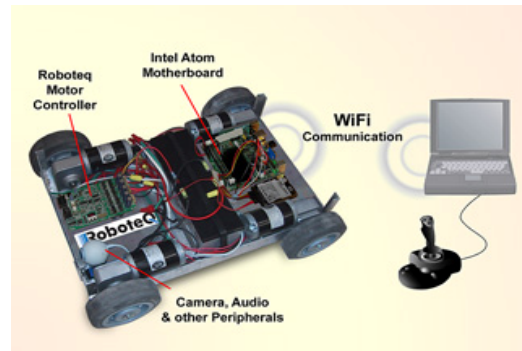


Press Information For Immediate Release

Editorial & Sales Contact:

Tony Santoni
Roboteq, Inc.
8426 E. Shea Blvd.
Scottsdale AZ 85260 - USA
(602) 617-3931 tony@roboteq.com

High resolution photo at:
www.roboteq.com/press/wifibot.jpg



At a Glance:

- Mobile robot design platform
- Combines Roboteq DC motor controller and Intel mini-ITX Atom Processor mainboard
- Equipped with webcam and 802.11 wireless LAN
- CAD Drawings, wiring diagrams and software available free of charge

Applications:

- Autonomous or remote controlled robotic vehicles
- Telepresence systems
- Remote Medicine
- Underwater robots (ROVs)
- Hazardous material handling, bomb disposal robots
- Surveillance, military, and exploration robots
- Education

Roboteq Publishes Free WiFi Robot Platform based on Company's Motor Controller and Intel Atom Mainboard

Phoenix, AZ December 20, 2010 – Roboteq, Inc., the leading developer of motor controllers for the mobile robotics industry, announces the publication of a WiFi Robot design platform featuring the Roboteq's AX3500 DC Motor Controller and an Intel Atom Processor-based Mini-ITX mainboard.

The robot is a battery-operated, 4 wheel-drive unit, built around 1.5 by 2 feet (46cm x 61cm) aluminum frame, with WiFi connectivity and video camera. The robot can feed live video and can be remotely operated via the Internet. The robot is a technology platform that users interested in robotics can replicate and to which they can add functionality and intelligence.

Mechanical CAD drawings, wiring diagrams, software and detailed assembly instructions for the robot can be downloaded free of charge from Roboteq's web site at www.roboteq.com/wifibot.html . A 3D animation showing the step by step construction of the chassis is also provided.

The Roboteq's AX3500 motor controller has two channel outputs that are used to power and steer the robot by varying the speed and direction of the motors at each side of the chassis. The controller also has outputs for up to 8 RC servos, allowing the control of simple robotic arms and other accessories.

The Roboteq motor controller is connected to the Intel Atom mainboard via its RS232 port. The Intel D510M motherboard was selected because of its 100% passive cooling, low power consumption, balanced features set, excellent performance, and very low cost. Measuring only 17cm x 17cm, the Mini-ITX form factor is ideally suited to mobile robotic designs. The PC-compatible platform enables significant computational functionality and flexible software development options.

About Roboteq

Founded in 2001 by experts in embedded computing and power electronics, Roboteq's mission is to develop products and technologies that allow novices and professionals alike to build innovative, flexible and affordable mobile robots. Roboteq controllers are now used in over 1000 original robot designs around the world.

#