



# PressRelease

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**For Immediate Release**

## **Galil's New RIO-47100 Ethernet I/O Controller for Cost-effective, Intelligent Handling of I/O**

Rocklin, CA—September 26, 2007—Galil Motion Control, an industry pioneer in motion control technology, introduces its new, compact RIO-47100 (RIO) remote I/O controller, which connects to the Ethernet and provides an intelligent, cost-effective method for adding inputs and outputs to a variety of motion and non-motion applications.

Priced at just \$295 in single quantity and \$195 in quantities of 100, each RIO unit is self-contained and provides numerous analog and digital I/O including 8 analog inputs, 8 analog outputs, 16 optically isolated inputs, 8 high-power isolated outputs up to 500mA each, and 8 low-power isolated outputs up to 25mA each. Multiple RIO units can be distributed on an Ethernet network allowing for I/O expansion.

Additionally, the RIO contains a powerful RISC processor for handling I/O logic at high speeds. It also provides on-board memory and multitasking which frees the host computer and motion controller for handling other tasks.

“Designers who demand built-in intelligence will appreciate the RIO,” says Lisa Wade, VP-Sales and Marketing. “We’ve packed plenty of intelligent features into a compact package, including logical and arithmetic operators, conditional statements, process control loops, pulse counters, variables and arrays.”

Flexibility is another benefit of the RIO which provides both an Ethernet 10/100Base-T port and an RS232 port up to 115 Kbaud. It can be also be configured as slave device of an Ethernet motion controller such as Galil’s DMC-40x0 or DMC-21x3, or can run stand-alone on an Ethernet network.

Standard features also include easy programming using Galil's simple two-letter command language, a web interface that permits viewing of status and changing of I/O states without installing additional software, and email capability that allows messages to be sent remotely.

The RIO can receive power solely from Power-over-Ethernet (PoE) for low power applications, or from an external supply of 18V – 36V DC for driving high power devices such as relays. LED indicators provide a convenient display of all digital inputs and outputs.

Measuring just 3.88" x 4.26" x 1.30", the compact RIO is packaged in a metal enclosure and provides D-type connectors for convenient interface.

For more information about Galil's new RIO-47000 Remote I/O controller, visit <http://www.galilmc.com/products/accelera/rio47100.html> or contact Lisa Wade, VP-Marketing and Sales, at Galil Motion Control, Inc., 3750 Atherton Road, Rocklin, CA 95765, Ph. 800-377-6329 or email [lisaw@galilmc.com](mailto:lisaw@galilmc.com).

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**About Galil Motion Control, Inc. ([www.galilmc.com](http://www.galilmc.com))**

Privately held and profitable for over 87 consecutive quarters, Galil Motion Control, Inc. was founded in 1983 by Jacob Tal and Wayne Baron. Galil became the first company to produce a microprocessor-based servo motor controller without tachometer feedback. Since then, Galil has continued to advance motion control technology and has found industry-leading acceptance with over 500,000 controllers successfully installed worldwide. Various applications include machines for the medical, semiconductor, machine tool, food processing, and textile industries. Recently, Galil has introduced several motion controllers for the Ethernet in addition to the latest generation Accelera controllers designed for ultra high-speed and performance.



**Galil's RIO-47100 Ethernet I/O controller**