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For Immediate Release

Galil Motion Control Offers New Ethernet IOC-7007 Intelligent I/O Controller

Communicates With Multiple Devices On Ethernet Networks

Rocklin, CA., January 4, 2002—Galil Motion Control, the industry pioneer and innovator of motion control solutions, has expanded their Ethernet E-Series of high performance controllers with the addition of their new IOC-7007 I/O controller designed to provide an intelligent solution for handling inputs and outputs. It features a 10/100 Base-T Ethernet port for communicating with multiple devices in an Ethernet network, which allows easy integration of Galil's DMC-3425 or DMC-2100/2200 Ethernet motion controllers with I/O. And, it eliminates the need for an external PLC.

A variety of input and output options allow the IOC-7007 to be configured according to the users precise I/O requirements. It can accept as many as seven Galil I/O IOM modules, which are available with TTL inputs, optoisolated inputs, optoisolated outputs, high power outputs, dry contact relays, analog inputs or analog outputs.

The IOC-7007 incorporates a 32-bit microcomputer with memory and multitasking for handling all programming and synchronizing I/O events. Additionally, it enables users to store and execute complex application programs, all of which are downloaded directly to the controller and executed without any host intervention.

Special commands are available for application programming including event triggers, conditional jumps, IF/THEN/ELSE statements, subroutines, symbolic variables and arrays. The Multitasking feature allows concurrent execution of up to eight different application programs. Also included is a special PLC mode with deterministic timing. In this mode, an application program is compiled into optimized code for faster execution.

Like all Galil controllers, the programming language of the IOC-7007 is comprised of intuitive, two-letter English-like ASCII commands that make for fast and easy programming. With this controller, however, Galil removed motion specific commands and added more I/O commands. The similarity of the programming language for the I/O and motion controllers permits seamless integration of motion and I/O, and eliminates the need to learn two different languages.

The IOC-7007 supports both TCP/IP and UDP, and MODBUS in both master and slave mode for interface to other MODBUS devices. Plus, it includes one RS232 port up to 19.2kb. It comes as either a compact 10.8" x 4.5" x 2.6" packaged unit, a DIN rail mount unit, or a card-level product. The box-level version accepts 90-260 VAC or 20-60 VDC while the DIN rail and card-level unit accepts 20-60 VDC. Each IOM module uses a 20-pin Molex connector for interface to I/O.

Galil offers the IOC-7007 Intelligent I/O controller at $595 for single units, and at $495 for quantities of 100. IOM plug-in I/O modules start at $30 each. All are immediately available for shipment from stock.

For more information about Galil's IOC-7007 E-Series Ethernet I/O Controller, contact Lisa Wade, VP-Marketing and Sales, at Galil Motion Control, Inc., 3750 Atherton Road, Rocklin, CA 95765, 800-377-6329, lisaw@galilmc.com, Ph. 916-626-0101, Fax 916-626-0102, www.galilmc.com. Additional details and specifications can be viewed at http://www.galilmc.com/products/eseries/iom7007.html.

About Galil Motion Control, Inc.

Privately held and profitable for over 68 consecutive quarters, Galil Motion Control, Inc. was co-founded in 1983 by Jacob Tal, world-famous innovator and educator in motion control. Galil is 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 250,000 controllers successfully installed worldwide. Various applications include medical, semiconductor, machine tools, manufacturing and testing, food processing and textiles. Recently, Galil pioneered the first motion controller for the USB, as well as the first Ethernet-based standalone controller.

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