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FOR IMMEDIATE RELEASE

GALIL MOTION CONTROL SHIPS DMC-2100 ETHERNET STAND ALONE CONTROLLER

Combines Remote Access & Increased Connectivity with Proven Reliability

MOUNTAIN VIEW, Calif., June 15, 1999 — Galil Motion Control, Inc., pioneer and leader of digital motion control technology, today announced that they are shipping the DMC-2100 stand alone motion controller that uses the Ethernet communication protocol. The series is available in 1- through 8- axis formats which enables control of both step and servo motors on any combination of axes.

The DMC-2100 features high-speed long distance communications that enables connectivity between any number of computer hardware devices located on a LAN, such as I/O modules, MMI interfaces, PCs, PLCs and vision systems. With the DMC-2100, engineers can work over the Internet or a company's intranet using a common browser and perform diagnostics. Information can be uploaded or downloaded from a remote site.

Ethernet was originally developed by Xerox in late 1970, and then reenergized again in 1980 with support from DEC and Intel. Today, Ethernet is becoming the standard for open platform serial communication protocols. It is commonly transmitted via a 10Base-T baseband signal over twisted pair cable. The DMC-2100 comes standard with the 10Base-T, but is also available with the 10Base-F fiberoptic option for use in noisy, industrial environments.

"We are seeing the beginning of a new age, the remote communication networking era," said Jacob Tal, president & co-founder at Galil Motion Control. "Galil prides themselves on being able to offer not only the latest communication protocols, like USB and Ethernet, but in combining it with our industry-proven microprocessor-based controllers."

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Several features have been incorporated into the DMC -2100 controller including a 32-bit microcomputer and such communication options as Ethernet and two RS232/RS422/RS485 ports configurable up to 115Kb. Non-volatile memory for application programs, variables and arrays permit operation without a host computer. It also features multitasking, which allows simultaneous execution of up to eight application programs.

Standard features of the DMC-2100 include sinusoidal commutation for brushless motors, two encoder inputs for each axis, 64 configurable I/O, and optoisolated forward and reverse limits and home inputs for each axis. Modes of motion include independent axis positioning, linear and circular interpolation, contouring, electronic gearing and ECAM. The DMC-2100 also allows multiple sets of coordinated axes to operate simultaneously. Encoder frequencies of up to 12 MHz are accepted.

System setup and programming is easier than ever with such enhanced software tools as WSDK for tuning and analysis, ActiveX Tool Kit for interface to Visual Basic, and a C-Programmers Tool Kit. Upgrading is painless since the two-letter commands maintain the same format as prior generations. Software is compatible with DOS, QNX, Windows 3.1, 95, NT and 98.

Pricing and Availability

Pricing for the DMC -2130 is \$2,495 for a single three-axis controller and \$1,195 each for quantities of 100. For other sizes and quantity/price breakdowns, call Galil toll free at 800-377-6329.

About Galil

Founded in 1983, Galil Motion Control, Inc. was the first company to produce a microprocessor-based servo motion controller without tachometer feedback. Since the introduction of their first controller, they have continued to advance the technology and now have over 200,000 controllers installed worldwide and are known as the industry pioneer and leader. Following in this tradition, Galil recently was the first to market with a motion controller designed for the USB. Galil is a privately held company and has been profitable for over 55 consecutive quarters. Today, you will see Galil controllers at work in such applications as machine tools, manufacturing, medical equipment, aerospace, materials handling, packaging, semiconductor manufacturing and testing, food processing, textiles and a wide-range of test and measurement equipment.

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