



PressRelease

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For Immediate Release**Galil's New ICM-20105 Board Adds Optical Isolation Capability for Their Low Cost DMC-21x3 Multi-Axis, Ethernet Motion Controller**

Mounts directly to the DMC-21x3 via 96-pin connector without any cabling or hardware

Rocklin, CA, September 15, 2003—Galil Motion Control, the industry innovator in motion control, now offers their new ICM-20105 board which enables users to easily and cost-effectively add optical isolation to Galil's popular line of DMC-21x3 Ethernet controllers. Without any additional cabling or hardware, the board simply attaches on top of the DMC-21x3 via a 96-pin DIN connector and can optically isolate inputs and outputs including limits, home and general I/O.

Measuring only 4.25" x 3.70", the ICM-20105 segments the DMC-21x3's 96-pin DIN connector into convenient D-sub connectors for easy interface to external amplifiers and I/O devices. These include four D-sub connectors with one for each of the four axes, a 37-pin D-sub for the digital I/O, home and limits; and a 25-pin D-sub for the auxiliary encoder signals. Features also include eight 500mA, high-side drive outputs for driving higher power external devices such as relays, operation at up to 28 Volts, interface to a wide range of external amplifiers, user-configuration for high or low amplifier enable, 5V or 12V logic, and sinking or sourcing. One ICM-20105 is required for each set of four axes, and two can sit side-by-side on a DMC-2183 eight axis controller.



Lisa Wade, VP-Marketing and Sales, says "The ICM-20105 is a cost-effective solution for OEMs with its low price of \$195 in single quantity and \$145 in 100 quantities. It also represents Galil's commitment to empowering our customers with greater choice and flexibility in building their specific motion control solutions. Our family of interconnect, amplifier and I/O options for the DMC-21x3 continues to grow, and will continue to do so."

Galil's new ICM-20105 board adds optical isolation to DMC-21x3

Galil's interconnect, amplifier and I/O options for the DMC-21x3 include:

- SDM-20240 full- and half-step drives for four stepper motors
- AMP-20340 linear amplifiers for driving four 20-watt brush servo motors
- AMP-20440 PWM amplifiers for driving four 200-watt brush servo motors
- AMP-20540 PWM amplifiers for driving four 500-watt brushless servo motors
- ICM-20100 interconnect for interface to external amplifiers
- ICM-20105 interconnect with optical isolation
- DB-28040 for 40 additional digital I/O and 8 analog inputs

Typically half-the-size-and-price of box-level Ethernet controllers, Galil's DMC-21x3 series delivers such high performance features as 1-8 axis control of step or servomotors, 10-BaseT communications with RS232 port, and various modes of motion like point-to-point positioning, jogging, linear and circular interpolation, electronic gearing, ECAM and contouring.

For more information on the ICM-20105, DMC-21x3 series and the various amplifier options, 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. Complete specifications, pin-out and pricing information for all DMC-21x3 interconnect options are available at http://www.galilmc.com/products/accessories/21x3_options.html. Also view Galil's latest web-tutorial "Cost-effective Solutions Using the DMC-21x3 Ethernet Controller and Drives" at <http://www.galilmc.com/training/webconf.html>.

About Galil Motion Control, Inc.

Privately held and profitable for over 67 straight quarters, Galil Motion Control, Inc. was founded in 1983 by Jacob Tal, world-famous innovator and educator in motion control. 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 300,000 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, as well as a variety of servo amplifier boards.