


Integrated Stepper Motor, Controller, & Drive with Ethernet Interface

Terryville, CT – Advanced Micro Controls Inc. (AMCI), releases their highly anticipated [3-in-1 integrated motion control package](#) with Ethernet communication. AMCI's new SMD23E incorporates a stepper motor, drive, and controller; simplifying installation and reducing cabling. This compact, low-cost motion control solution communicates with the host controller (PLC or PAC) via EtherNet/IP or Modbus-TCP, and is easily programmed through the host controller's software. The SMD23E's innovative product design makes it a perfect solution for new installations or controls upgrades.

Stepper Motor/Drive/Controller Features:

- 3-in-1 Integration: Stepper Motor + Drive + Controller
- Incorporates EtherNet/IP & Modbus TCP interface
- Programs directly through host controller's software
- High-torque NEMA frame size 23 stepper motor
- Powerful, 3.4 amp, DC-powered microstepping drive
- Space saving design simplifies installation and reduces cabling
- Optional encoder for move verification
- ODVA conformance tested



 Click to view our video: [SMD23E Product Overview](#)

AMCI's SMD23E integrates a stepper motor, drive, and controller into one compact package, with an optional encoder available for move verification. The built-in Ethernet interface simplifies connectivity to the host controller (PLC or PAC) using standard RJ45 connectors and CAT5/6 cabling, which are widely available. *"AMCI's SMD23E product simplifies motion control for a wide variety of customers, especially controls engineers. The compact, highly integrated design lets users easily add complete axes of motion control to any machine or production line via Ethernet communication."* – Bob Alesio, Director of Sales and Marketing, AMCI.

These cost-effective, integrated motion packages are ODVA conformance tested and interface with many PLCs including those from Rockwell Automation, Omron, and Schneider. All programming is performed by the same software used to configure the host PLC/PAC, eliminating the need to learn any new software or programming language.

The SMD23E provides an unsurpassed speed range with excellent high torque stepper motion control, and delivers exceptional performance across a range of applications. Examples of such applications include conveyors, bottle capping, feeders, cut-to-length, package sorting, pick and place, and form, fill and seal.



About Advanced Micro Controls Inc.

Founded in 1985, Advanced Micro Controls Inc ([AMCI](http://www.amci.com)) is a leading U.S. based manufacturer with a global presence. Our industrial controls improve the performance and profitability of today's factory and automation systems. AMCI specializes in the design, manufacturing, and sales of eight different product families. Long standing relationships with the biggest names in industrial automation enable our team to deliver innovative, competitive products that are designed for years of reliable performance.

Media Contact: Rachael Novak
Telephone: (860) 585-1254 ext.132
Email: rnovak@amci.com

Advanced Micro Controls Inc.
20 Gear Drive
Plymouth Industrial Park
Terryville , CT 06786 USA
Telephone: (860)-585-1254
Facsimile: (860) 584-1973
<http://www.amci.com>

###