

Motion Control for 1762 MicroLogix has arrived!

October 26, 2009 - Unleash the power of your 1762 MicroLogix I/O with AMCI's new [3100 series two-axis motion control modules](#). These 2-axis controllers plug directly into your MicroLogix PLC, and are available in two versions: 3102 (X-Y motion control) and 3102i (X-Y motion control + interpolation). AMCI's 3100 series modules provide encoder feedback in addition to a wide range of motion commands, satisfying simple to sophisticated application requirements. Both the 3102 and 3102i are 100% compatible with MicroLogix 1100, 1200, and 1400, and are easy to program using Allen-Bradley's RSLogix 500 software.



AMCI's 3100 series motion modules are easy to program with no extra software required, and offer a wide range of motion commands. [Commands include](#) registration, jogging/changing speed on the fly, and blend move. Linear and Circular interpolation are exclusive to the 3102i module, enabling more sophisticated motion control. Both modules provide encoder feedback, providing closed loop positioning.

The 3102 module can control servo and/or stepper drives (depending on your requirements) with step/direction input. Motion commands include jog, home, and point-to-point control. Popular applications for this motion controller include assembly lines, conveyor control, in-process gauging, and valve control, to name a few.

Developed to simplify more complex applications, the 3102i module includes linear and circular interpolation commands. These additional features make this module stand out with the ability to reach specific target positions and output contoured motion profiles. Popular applications for this more advanced controller include high speed assembly, water jet cutting, storage and sorting, laser trimming, needle inspection systems, and more.

Keep an eye out for the company's next two [product releases](#): Resolver and SSI interface modules for the 1762 MicroLogix I/O. Both are scheduled to release early 2010.

AMCI is the only Rockwell Automation Encompass Partner to offer a complete selection of [motion control products](#). Because AMCI products are 100% compatible with Allen-Bradley PLCs, you can be confident that their solutions will work for your application.

About Advanced Micro Controls Inc.

Founded in 1985, Advanced Micro Controls Inc ([AMCI](#)) 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.

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