

## EtherNet/IP Products

*Drives and Integrated Motors with EtherNet/IP Communication Ports*

**EtherNet/IP™**



### **Product Features**

- *Stepper and servo systems with built-in EtherNet/IP communications*
- *Support for Class 1 implicit (I/O) and Class 3 explicit messaging*
- *Access to all drive and motion commands and parameters over EtherNet/IP network*
- *Full Q programming capability*
- *Sample code and documentation available for popular PLCs*
- *Auto-sensing, auto-crossover 10/100 Mbit Ethernet*
- *Support for Ethernet UDP & TCP protocols*
- *Available on STAC5, ST5, and ST10 stepper drives*
- *Available on SSM and TXM StepSERVO integrated motors*
- *Available on STM23 and SWM24 integrated steppers*
- *Available on SV200, SVAC3 and SV7 servo drives*

### Series Details:

The Applied Motion stepper and servo products listed below incorporate EtherNet/IP network communications, the widely used industrial protocol for manufacturing automation applications. With EtherNet/IP users can control, configure and query drives using an open, standards-based, industrial Ethernet connection at speeds up to 100 MBits/sec.

Applied Motion drives and motors with EtherNet/IP – designated by “IP” in the model number – run all of the same control modes as “Q” drives, with the addition that all drive features can be accessed over EtherNet/IP. This means that “IP” drives can operate in step (pulse) & direction, torque (servo), velocity, and streaming serial command (SCL) modes, as well as run stand-alone Q programs stored in non-volatile memory. This level of control includes access to more than 100 commands and 130 data registers over the EtherNet/IP network, which can be used for controlling motion & I/O, configuration, polling, math, register manipulation, and more.

EtherNet/IP is an industrial Ethernet network solution built on the Common Industrial Protocol (CIP), and is supported by the [ODVA](#).

### Support Documentation:

- EtherNet/IP implementation and messaging details:  
[Host Command Reference](#) (see Appendix H)
- General overview of Applied Motion’s EtherNet/IP implementation:  
[EtherNet/IP white paper](#)
- App Note with sample code for connecting Allen Bradley® CompactLogix PLC to Applied Motion drives:  
[App Note 22](#)
- App Note with sample code for connecting Allen Bradley® MicroLogix PLC to Applied Motion drives:  
[App Note 23](#)
- App Note with Add-On Instructions for Allen Bradley® RSLogix5000 software:  
[App Note 24](#)

## Products in the Series *EtherNet/IP Products*

Title	Type	Description	1pc.
<a href="#">ST10-IP-EE</a>	Stepper Drive	DC EtherNet/IP Advanced Microstep Drive w/ Encoder Input	\$710.00
<a href="#">ST10-IP-EN</a>	Stepper Drive	DC EtherNet/IP Advanced Microstep Drive	\$659.00
<a href="#">ST5-IP-EE</a>	Stepper Drive	DC EtherNet/IP Advanced Microstep Drive w/ Encoder Input	\$655.00
<a href="#">ST5-IP-EN</a>	Stepper Drive	DC EtherNet/IP Advanced Microstep Drive	\$607.00
<a href="#">STAC5-IP-E120</a>	Stepper Drive	AC EtherNet/IP Advanced Microstep Drive w/ Encoder Input	\$710.00
<a href="#">STAC5-IP-E220</a>	Stepper Drive	AC EtherNet/IP Advanced Microstep Drive w/ Encoder Input	N/A
<a href="#">STAC5-IP-N120</a>	Stepper Drive	AC EtherNet/IP Advanced Microstep Drive	\$659.00
<a href="#">STAC5-IP-N220</a>	Stepper Drive	AC EtherNet/IP Advanced Microstep Drive	\$659.00
<a href="#">STM23IP-2EE</a>	Integrated Stepper	NEMA 23 Integrated Drive+Motor w/ EtherNet/IP & Encoder	\$525.00
<a href="#">STM23IP-2EN</a>	Integrated Stepper	NEMA 23 Integrated Drive+Motor w/ EtherNet/IP	\$450.00
<a href="#">STM23IP-3EE</a>	Integrated Stepper	NEMA 23 Integrated Drive+Motor w/ EtherNet/IP & Encoder	\$535.00
<a href="#">STM23IP-3EN</a>	Integrated Stepper	NEMA 23 Integrated Drive+Motor w/ EtherNet/IP	\$460.00
<a href="#">STM24IP-3EE</a>	Integrated Stepper	NEMA 24 Integrated Drive+Motor w/ EtherNet/IP & Encoder	\$626.00
<a href="#">STM24IP-3EN</a>	Integrated Stepper	NEMA 24 Integrated Drive+Motor w/ EtherNet/IP	\$551.00
<a href="#">SV7-IP-EE</a>	Servo Drive	Q Programmable Servo Drive w/ EtherNet/IP	\$597.00
<a href="#">SVAC3-IP-E120</a>	Servo Drive	Q Programmable Servo Drive w/ EtherNet/IP	\$710.00
<a href="#">SVAC3-IP-E220</a>	Servo Drive	Q Programmable Servo Drive w/ EtherNet/IP	\$710.00
<a href="#">SWM24IP-3EE</a>	Integrated Stepper	IP65 Rated NEMA 24 Integrated Drive+Motor	\$857.00