

Communication Modules

Introduction Environmental and Certifications **EtherNet/IP Network** ControlNet Network DeviceNet Network

Data Highway Plus and Remote I/O Networks Serial Communication DH-485 Network SynchLink Communication



EtherNet/IP Network

The Ethernet Industrial (EtherNet/IP) network protocol is an open industrial-networking standard that supports both real-time I/O messaging and message exchange. The EtherNet/IP network uses off-the-shelf Ethernet communication chips and physical media.

EtherNet/IP Communication Modules

Specifications [PDF]

Cat. No.	Description	Media	Special Features	Communication Rate	CIP Motion Axes	TCP/IP Connections	Logix Connections
1756-EN2F	EtherNet/IP communication bridge module	Fiber	—	100 Mbps	Up to 8	128	256
1756-EN2T	EtherNet/IP communication bridge module	Copper	—	10/100 Mbps	Up to 8	128	256
1756-EN2TK	EtherNet/IP conformal coated communication bridge module	Copper	—	10/100 Mbps	Up to 8	128	256
1756-EN2TSC	EtherNet/IP secure communication bridge module	Copper	IPSec VPN Client and Server Technology	100/100 Mbps	—	128	256
1756-EN2TR	2-port EtherNet/IP communication bridge module, with embedded switch technology	Dual Copper	Embedded switch technology	10/100 Mbps	Up to 8	128	256
1756-EN2TRK	2-port EtherNet/IP conformal coated communication bridge module	Dual Copper	Embedded switch technology	10/100 Mbps	Up to 8	128	256
1756-EN3TR	2-port EtherNet/IP communication bridge module, with embedded switch technology	Dual Copper	Embedded switch technology	10/100 Mbps	Up to 128	128	256
1756-ENBT	EtherNet/IP communication bridge module	Copper	—	10/100 Mbps	—	64	128
1756-ENBTK	EtherNet/IP conformal coated communication bridge module	Copper	—	10/100 Mbps	—	64	128
1756-EWEB	EtherNet web server module	Copper	Web Server	10/100 Mbps	—	64	128
1756-EN2TXT	ControlLogix-XT, EtherNet/IP communication bridge module rated for extreme environment	Copper	Extreme Environment	10/100 Mbps	Up to 8	128	256
1756-EN2TRXT	ControlLogix-XT, EtherNet/IP	Dual Copper	Extreme	10/100 Mbps	Up to 8	128	256