

WebPort[®] Family Universal Industrial Gateway



A single solution for connecting multiple devices, across multiple protocols. In systems where the installed base includes Industrial Ethernet and/or serial protocols, establishing communication across devices is critical and upgrading the equipment isn't always feasible. The Universal Industrial Gateway is the most cost effective way to move data between multiple PLCs and slave (server) devices, each with a different protocol, saving you time, money and the headache of configuring multiple gateway devices.

A Better Way to Gateway:

- **Single solution** – Multiple protocols, multiple communication ports, one box
- **Configurable** – Mix protocols and communication across ports simultaneously
- **Multiple serial ports** – Maximum device connectivity
- **Cost effective** – The functionality of multiple gateways for the price of one
- **Intuitive navigation** – Consistent configuration for all protocol conversions
- **Context-sensitive Help** – Fully searchable with images and step-by-step instructions, only one click away
- **No software to install** – Embedded, HTML5, web-based configuration
- **No PLC programming** – Transfer data without editing PLC code
- **Field upgradable** – Ability to add protocols (via firmware upgrade)

Universal Industrial Gateway Specifications

Ethernet Interface

Protocols:	EtherNet/IP, EtherNet/IP-PCCC, ModbusTCP, S7comm
Number of Ports:	1
Speed:	10/100 Mbps full-duplex
Connector:	8-pin RJ45

Serial Interface

Protocols:	Modbus RTU, Modbus ASCII, DF1-CIP, DF1-PCCC, PPI
Number of Ports:	2-port or 4-port option
Serial Standards:	RS-232/485
Connectors:	8-pin RJ45

Supported PLC Types

Controllers:	Rockwell Automation ControlLogix, CompactLogix, MicroLogix, Micro800, SLC 500, PLC-5 Schneider M340 & Quantum 140 Siemens S7-200/300/1200/1500
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Features/Configurable Parameters

Tag Pairs	100 tag pairs/map (max)
Tag Maps:	50 (max)
Formatting:	Byte-Swap, Word-swap, Straight copy
Data Types: (Protocol Dependent)	SINT, INT, REAL, BOOL, STRING, SHORT (SIGNED 16 BIT), USHORT (UNSIGNED 16 BIT), DINT (SIGNED 32 BIT), UDINT (UNSIGNED 32 BIT), ARRAY

Electrical/Environmental

Input/Voltage:	12-24 VDC
Max Bound Rate:	115.2 kbps
Operating Temp:	0° to 55° C (32°F to 130°F)
Certifications:	RoHS-compliant, UL, cUL, CE; Class I, Div 2

Enclosure

Dimensions:	5.40" x 1.88" x 3.88"
Weight:	12.80 oz.
Mounting:	DIN Rail mounting with latch

Ordering Information

Catalog #	Serial Ports	Ethernet Ports	Protocols
WP-G-221-P1	2	1	EtherNet/IP, EtherNet/IP-PCCC, Modbus TCP, Modbus RTU, Modbus ASCII
WP-G-241-P1	4	1	EtherNet/IP, EtherNet/IP-PCCC, Modbus TCP, Modbus RTU, Modbus ASCII
WP-G-221-P2	2	1	EtherNet/IP, EtherNet/IP-PCCC, Modbus TCP, Modbus RTU, Modbus ASCII, DF1-PCCC, DF1-CIP, PPI, S7comm
WP-G-241-P2	4	1	EtherNet/IP, EtherNet/IP-PCCC, Modbus TCP, Modbus RTU, Modbus ASCII, DF1-PCCC, DF1-CIP, PPI, S7comm
WP-G-UPG-P2	-	-	Upgrade a -P1 model to a -P2 set of protocols