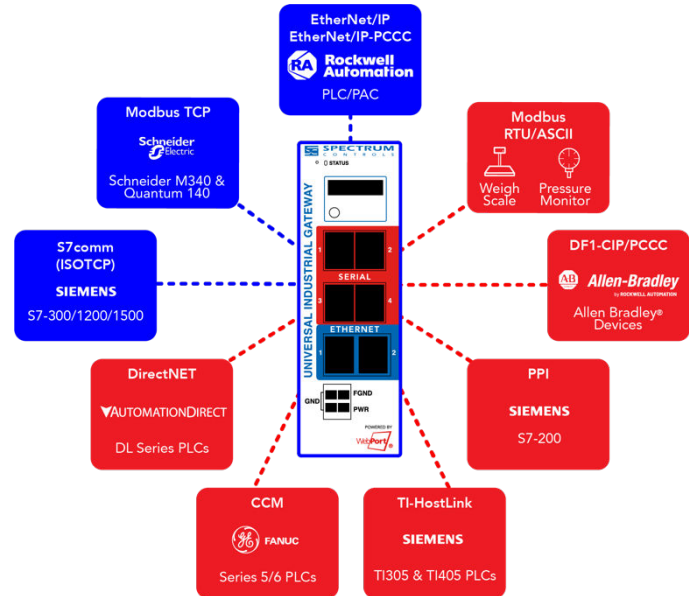


Universal Industrial Gateway Communications Device



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 devices, each with a different protocol, saving you time, money, and the headache of configuring multiple gateway devices.

Easy Way to Gateway

- **Single solution** – Multiple protocols, multiple communication ports, one box
- **Configurable** – Transfer data to and from any port, in any combination
- **Multiple ports** – Maximum device connectivity, Serial and Ethernet
- **Cost effective** – The functionality of multiple gateways for the price of one
- **Intuitive navigation** – Consistent configuration for any protocol conversions
- **Context-sensitive Help** – Fully searchable with images and step-by-step instructions, only one click away
- **No software to install** – Browser-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		Client/Server: EtherNet/IP, ModbusTCP Client Only: EtherNet/IP-PCCC, S7comm	
Number of Ports:		2 (Support for Dual Subnets)	
Speed:		10/100 Mbps full-duplex	
Connector:		8-pin RJ45	
Serial Interface			
Protocols		Client/Server: Modbus RTU, Modbus ASCII Client Only: DF1-CIP (FD), DF1-PCCC (FD), PPI, DirectNET, CCM, TI-HostLink	
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, SIMATIC TI305 & TI405 Automation Direct DL05, DL06, DL205, DL305, DL405 GE Series Five & Series Six	
Features/Configurable Parameters			
Tag Pairs		100 tag pairs/map (max)	
Tag Maps:		50 (max)	
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	
Formatting:		Byte-Swap, Word-swap, Straight copy	
Electrical/Environmental			
Input/Voltage:		10-24 VDC	
Max Baud Rate:		115.2 kbps	
Operating Temp:		0° to 55° C (32°F to 130°F)	
Enclosure			
Dimensions (H x W x L):		5.50 in. x 1.90 in. x 4.08 in.	
Weight:		12.80 oz.	
Mounting:		DIN Rail mounting with latch	
Certifications			
RoHS-compliant, UL/cUL Listed ANSI ISA 12.12.01 (Class I, Div 2, Groups ABCD), CE EMC, ATEX, CCC, UKCA, FCC			
Ordering Information			
Catalog #	Serial Ports	Ethernet Ports	Protocols
WP-G-222-P1	2	2	EtherNet/IP, EtherNet/IP-PCCC, Modbus TCP, Modbus RTU, Modbus ASCII, DirectNET, CCM, TI-HostLink
WP-G-242-P1	4	2	
WP-G-222-P2	2	2	EtherNet/IP, EtherNet/IP-PCCC, Modbus TCP, Modbus RTU, Modbus ASCII, DF1-PCCC (FD), DF1-CIP (FD), PPI, S7comm, DirectNET, CCM, TI-HostLink
WP-G-242-P2	4	2	
WP-G-UPG-P2	-	-	Upgrade a -P1 model to a -P2 set of protocols
RJ45 to DB9 M, Serial Adapter Cable (1 per Serial Port included with each catalog #)			

