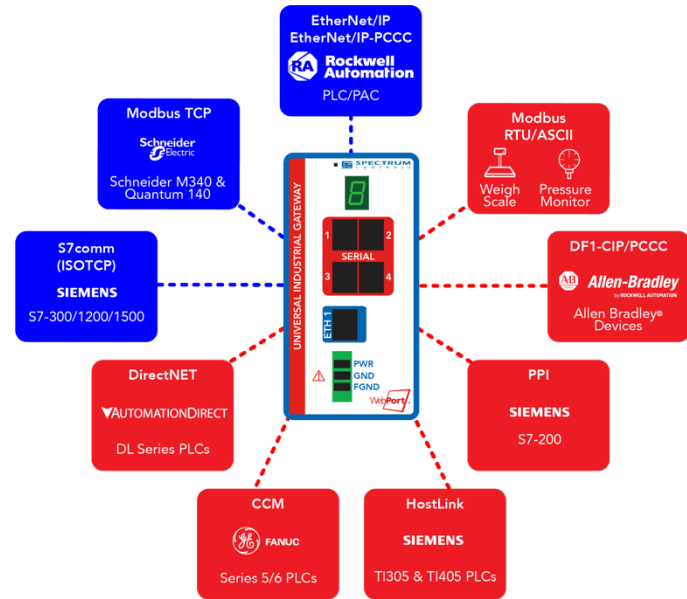


Universal Industrial Gateway Communications Device



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 slave (server) 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 serial ports** – Maximum device connectivity
- **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 (Master only):	EtherNet/IP, EtherNet/IP-PCCC, ModbusTCP, S7comm		
Number of Ports:	1		
Speed:	10/100 Mbps full-duplex		
Connector:	8-pin RJ45		
Serial Interface			
Protocols (Master only):	Modbus RTU, Modbus ASCII, DF1-CIP, DF1-PCCC, PPI, DirectNET, CCM, 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:	12-24 VDC		
Max Baud 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, DirectNET, CCM, HostLink
WP-G-241-P1	4	1	
WP-G-221-P2	2	1	EtherNet/IP, EtherNet/IP-PCCC, Modbus TCP, Modbus RTU, Modbus ASCII, DF1-PCCC, DF1-CIP, PPI, S7comm, DirectNET, CCM, HostLink
WP-G-241-P2	4	1	
WP-G-UPG-P2	-	-	Upgrade a -P1 model to a -P2 set of protocols