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** – 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)

www.spectrumcontrols.com/gateway
# 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

## 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

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