

Universal Industrial Gateway



Whether you are simply bridging two protocols or tackling more advanced integration challenges, Universal Industrial Gateway is the clear choice for value, ease-of-use, and flexibility.

Key Features

Communications made easy

- **Single solution:** 12 protocols, 6 ports, 1 gateway
- **No PLC programming:** No Ladder Logic to program. No I/O changes required.
- **Configurable:** Bridge only 2 protocols or many

Easy to use

- **Browser-based configuration:** No programming software to buy or install
- **Intuitive navigation:** Consistent configuration for any protocol
- **Context-sensitive Help:** Built-in help specific to the fields you're configuring

Cost effective

- **Cost competitive:** The functionality of multiple gateways for the price of one
- **Multiple ports:** Maximum device connectivity (Ethernet, RS-232, RS-485)
- **Field upgradable:** Ability to add protocols (via firmware upgrade)

Available Models

WP-G-222-P1 **WP-G-222-P2**
2 Serial / 2 Ethernet 2 Serial / 2 Ethernet

WP-G-242-P1 **WP-G-242-P2**
4 Serial / 2 Ethernet 4 Serial / 2 Ethernet

WP-G-UPG-P2
Upgrade -P1 model to -P2

RJ45 to DB9 M, Serial Adapter Cable
1 per serial port included with each model

Protocol Support

EtherNet/IP (Client/Server)
EtherNet/IP-PCCC (Client/Server)
Modbus TCP (Client/Server)
Modbus RTU (Client/Server)
Modbus ASCII (Client/Server)
DirectNET (Client)
CCM (Client)
TI-HostLink (Client)
DFI-PCCC (Full-duplex, P2P)*
DFI-CIP (Full-duplex, P2P)*
PPI (Client)*
S7comm (ISOTCP) (Client)*

*-P2 Models only

Ethernet Interface

EtherNet/IP, ModbusTCP,
EtherNet/IP-PCCC, S7comm
2 Ports (Supports dual subnets)
10/100 Mbps full duplex
8-Pin RJ45

Serial Interface

Modbus RTU, Modbus ASCII, DFI-CIP (FD),
DF1-PCCC (FD), PPI, DirectNET, CCM,
TI-HostLink
2- and 4-port options
RS-232 / RS-485 standards
8-Pin RJ45

Supported PLCs

Rockwell Automation: ControlLogix,
CompactLogix, Micro800, MicroLogix,
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

Configurable Parameters

100 tag pairs/map
Up to 50 tag maps
Byte-swap, Word-swap, Straight copy
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: 10-32 VDC
Max baud rate: 115.2 kbps
Operating temp: 0 – 55 C / 32 – 130 F

Hardware and Dimensions

5.5 x 1.9 x 4.08 in.
139.7 x 48.26 x 103.63 mm
0.8 lb / 12.8 ounces / 0.36 kg
DIN rail mounting with latch

Compliance & Certifications

RoHS, UK RoHS, ULc/UL Listed ANSI SIA
12.12.01 (Class I, Div 2, Groups ABCD), CE
EMC, ATEX, CCC, UKCA, FC, ODVA, IECEx,
CMIM