

Wireless Connectivity Solutions

Universal Wi-Fi and I/O Modem

WI-I/O-2-E-N-GBL Wireless I/O and Gateway

802.11b/g/n Scalable Industrial Wireless I/O

Radio for Reliable and Secure Connectivity

All-In-One Device

The WI-I/O-2-E-N wireless networking I/O and gateway is a multiple I/O node that extends communications to sensors and actuators in local, remote or difficult to reach locations.

Designed with a standards-based 802.11b/g/n wireless transceiver, the WI-I/O-2-E-N can provide IP-based networking across sprawling industrial environments typical of industrial applications and includes built-in I/O capability for digital and analog inputs and outputs.

Benefits

- WPA2 secure 2.412–2.472 GHz frequency (802.11 b/g) 200 mW RF power
- I/O, Ethernet or RS-232/RS-485 serial data and Modbus RTU/TCP gateway
- ProMesh intelligent communications network protocol
- Provides Wi-Fi hotspot access to I/O data and dashboard
- Web-based dashboard allows monitoring and control of critical I/O
- Quick back-to-back I/O mode for cable replacement applications
- Over-the-air network configuration
- Expandable digital I/O for local alarms and inputs/outputs

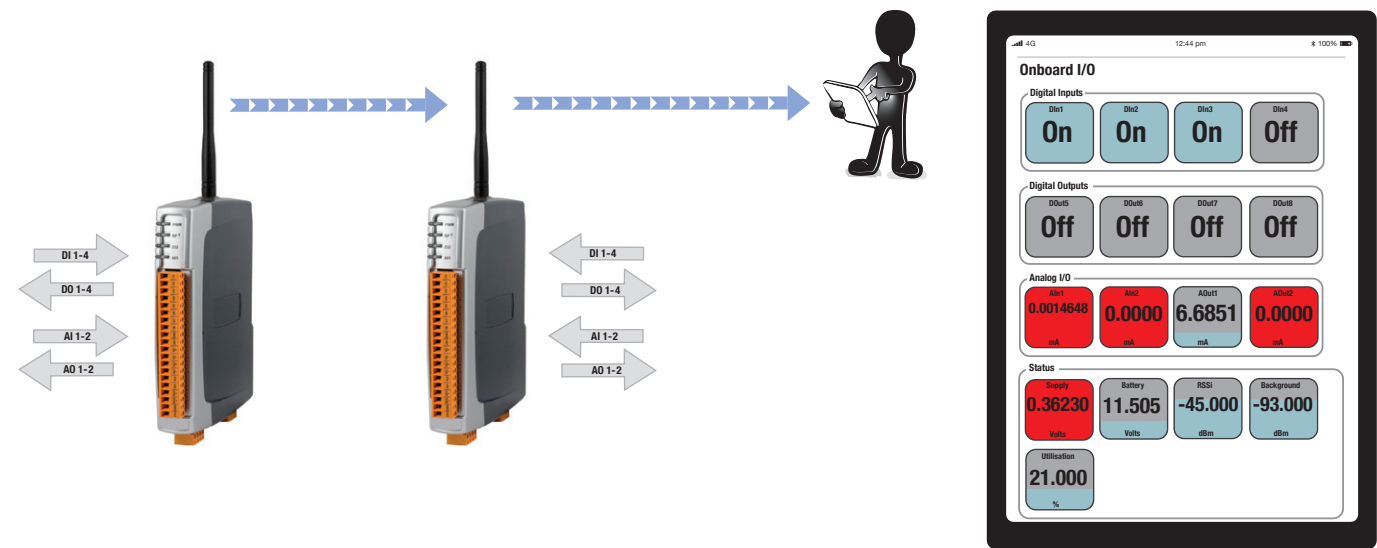


Competitive Comparisons

	Weidmüller  WI-I/O-2-E-N-GBL
Hazardous Approvals (C1D2)	●
Wi-Fi Hotspot	●
Programmable and Customizable Dashboard	●
Ethernet Modem + I/O Device at the same time	●
ENet Bridge to Host Device	●
Expandable I/O	●

Typical Applications

- Machinery OEM I/O connectivity in factories—discrete sensors and digital I/O (e-Stops)
 - Water and wastewater plant applications—flow and level sensors
- Oil and gas remote well sensor monitoring
 - Electrical control panel hotspot for remote monitoring of meters and control through PLC extension



Ordering Information

Type	Part Number
WH/I/O-2-E-N-GBL	7940100251

Information

Information is available for download on the web at www.weidmuller.com. Printed catalog versions are also available and can be ordered online.

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