Digi One® IA :: Industrial Device Servers

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Overview :: Digi One IA adds network connectivity to virtually any industrial device with a serial port in minutes. Designed to meet the specific requirements of the industrial automation market, it offers an easy way to network-enable previously isolated RS-232/422/485 serial devices such as Programmable Logic Controllers (PLCs), Remote Terminal Units (RTUs), process and quality equipment, motors, drives, bar-code readers and operator displays.
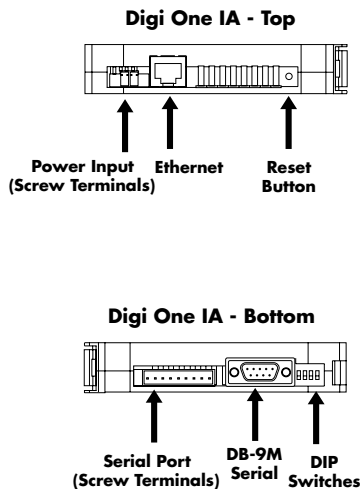
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+ Features ::

- Easily Ethernet enable any industrial serial device
- Industrial DIN rail mounting for use in space-prohibitive control cabinets
- RS-232/422/485 switch selectable including DB-9 and screw terminal connectors for added flexibility
- Patented Digi RealPort® redirector for COM or TTY port control and management
- TCP/UDP Socket Services for broad device connectivity and application use
- Galvanically isolated (from earth ground)
- Class 1, Div 2 rated
- Industry leading low latency
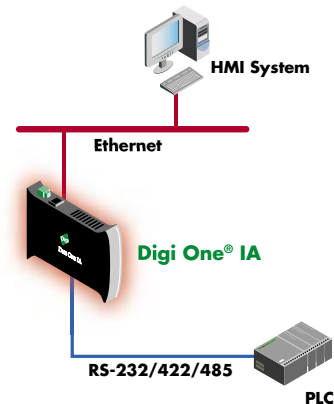- Easy configuration though web browser interface (HTTP)
- 5-year warranty

+ Specifications ::

- 10/100Base-T Ethernet support
- 1 port
- Switch selectable RS-232/422/485
- DB-9M and screw terminal connectors
- 9-30VDC input with screw terminal block power jack
- Patented RealPort technology
- TCP/UDP Socket Services
- UDP
- Telnet, Reverse Telnet and extended Telnet
- HTTP browser configurable
- DHCP/RARP, APR-Ping for IP addressing assignment
- Flash upgradeable firmware
- Baud rates up to 230 Kbps
- Full modem and hardware flow control
- 35 mm DIN rail mounting
- LED status for serial signals, power, Ethernet and diagnostics
- RFC 2217 support

Digi One IA - Top

Power Input (Screw Terminals)   Ethernet   Reset Button

Digi One IA - Bottom

Serial Port (Screw Terminals)   DB-9M Serial   DIP Switches

Industrial Automation

HMI System

Ethernet

Digi One® IA

RS-232/422/485

PLC

Part Numbers ::   North America   International

Model	North America	International
Digi One IA – 1 port	70001862	70001862