



## **DIGIONE IAP**

Serial-to-Ethernet connectivity, protocol conversion and protocol interoperability for industrial applications

Digi One® IAP combines reliable serial-to-Ethernet connectivity with protocol conversion and interoperability. Users can IP enable a broad range of serial devices, as well as link two industrial devices. It is ideal for device management applications requiring specific industry protocol support.

Serial server functionality built into Digi One IAP allows any serial device to be connected to a TCP/IP network. Applications may communicate with the serial device using TCP/UDP or Digi's patented RealPort® COM port redirector for remote native COM port access.

Digi One IAP supports a variety of serial and Ethernet protocols, allowing users to bridge serial and Ethernet devices, or both. Multi-master access allows multiple masters to communicate with a single slave across protocols.

Digi One IAP converts ASCII data from serial devices to Ethernet protocols. An additional serial port can act as a pass-through port, allowing local devices to communicate with a slave unit without disrupting the serial-to-Ethernet connection.

## **BENEFITS**

- 1 DB-9 serial port and additional pass-through port
- TCP/UDP and RealPort for COM/TTY port control and management
- Multi-master/Multi-protocol concurrent support Modbus protocols
- Serial and Ethernet protocol bridging support for Modbus protocols promotes interoperability
- ASCII to protocol translation for Modbus
- Switch selectable RS-232/422/485 for simple interfacing to any type of serial device
- Tunable for low latency or optimized throughput

## APPLICATION EXAMPLE DIGI ONE® IAP RS-232/422/485

## **RELATED PRODUCTS**



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ANAGEMENT HTTP configuration, Digi Port Authority - Remote management diagnostics and auto-discovery tool, SNMP (read/write) Telnet, Reverse Telnet, Reverse Telnet, RFC2217, TCP/JUDP Socket Services, PPP, DHCP/PARP, ARP-Ping, Static IP for IP address assignment, Support for 64 concurrent socket connections, ASCII, Modbus RTU/ASCII, Modbus/TCP  Patented RealPort* for COM/TTY ports  SSHv2, SSL, TLS, HTTP5  CURITY SSHv2, SSL, TLS, HTTP5  Microsoft Windows* 7, 8, 8.1, 10 and Windows Server* 2012, 2015, 2019; and Linux*  Note: TCP/JUDP socket services are operating system independent.  Serial signals, Power, Ethernet, Diagnostics  MENSIONS (L x W x D) 12.00 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  EIGHT 64.0 g (2.5 oz)  THER Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting  TERFACES  ERIAL PORTS 1RS-232/422/485 (switch selectable)  SCRUAL CONNECTOR Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  ERIAL THROUGHPUT Up to 230 Kbps  THERNET PHYSICAL LAYER 10/1008ase-T  DWER REQUIREMENTS  DWER REQUIREMENTS  DWER REQUIREMENTS  DWER REQUIREMENTS  DWER SUPPLY Removable screw terminal for power (power supply not included)  2 kVi solation between power supply and serial ground product when used with Digi power supply  NINRONMENTAL  PERATING TEMPERATURE 0°C to 60°C (32° F to 140° F)  ELATIVE HUMIDITY 5% to 90% (non-condensing)  THERNET ISOLATION 1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PORTOCTION (ESD) 15 kV human body model  SGUALTORY APPROVALS	SPECIFICATIONS	Digi One IAP					
Telnet, Reverse Telnet, RFC2217, TCP/UDP Socket Services, PPP, DHCP/RARP, ARP-Ping, Static IP for IP address assignment, Support for 64 concurrent socket connections, ASCII, Modbus RTU/ASCII, Modbus/TCP Petented RealPort* for COM/TTV ports  SSHv2, SSL, TLS, HTTPS  Microsoft Windows* 7, 8, 8.1, 10 and Windows Server* 2012, 2016, 2019; and Linux*  Microsoft Windows* 7, 8, 8.1, 10 and Windows Server* 2012, 2016, 2019; and Linux*  Microsoft Windows* 7, 8, 8.1, 10 and Windows Server* 2012, 2016, 2019; and Linux*  Mote: TCP/UDP socket services are operating system independent.  FATUS LEDS  Serial signals, Power, Ethernet, Diagnostics  MENSIONS (L x W x D)  12.00 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  EIGHT  64.0 g (2.5 oz)  THER  Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting TERFACES  ERIAL PORTS  1 RS-232/422/485 (switch selectable)  Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port Up to 230 Kbps  THERNET PHYSICAL LAYER  10/1008ase-T  DWER REQUIREMENTS  DWER REQUIREMENTS  DWER REQUIREMENTS  DWER REQUIREMENTS  DWER REQUIREMENTS  DWER SUPPLY  Removable screw terminal for power (power supply not included)  2 kW isolation between power supply and serial ground product when used with Digi power supply NIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  FINENET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model  SGULATORY APPROVALS	FEATURES						
Support for 64 concurrent socket connections, ASCII, Modbus RTU/ASCII, Modbus/TCP  Patented RealPort* for COM/TTY ports  SSHV2, SSL, TLS, HTDS  PERATING SYSTEMS  Microsoft Windows* 7, 8, 8.1, 10 and Windows Server* 2012, 2016, 2019; and Linux* Note: TCP/UDP socket services are operating system independent.  FATUS LEDS  Serial signals, Power, Ethernet, Diagnostics  MENSIONS (L x W x D)  12.00 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  EIGHT  64.0 g (2.5 oz)  Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting  TERFACES  EIRIAL PORTS  1 RS-232/422/485 (switch selectable)  Serial CONNECTOR  Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  THERNET PHYSICAL LAYER  10/1008ase-T  THERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  DWER SUPPLY  Removable screw terminal for power (power supply not included)  2 kW isolation between power supply and serial ground product when used with Digi power supply  NINRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET PROTECTION (ESD)  15 kV human body model  SIGULATORY APPROVALS	MANAGEMENT	HTTP configuration, Digi Port Authority – Remote management diagnostics and auto-discovery tool, SNMP (read/write)					
SSHV2, SSL, TLS, HTTPS  Microsoft Windows® 7, 8, 8.1, 10 and Windows Server® 2012, 2016, 2019; and Linux® Note: TCP/UDP socket services are operating system independent.  FATUS LEDS  Serial signals, Power, Ethernet, Diagnostics  MENSIONS (L x W x D)  12.00 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  EIGHT  64.0 g (2.5 oz)  Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting  TERRACES  FIRIAL PORTS  1 RS-232/422/485 (switch selectable)  FIRIAL CONNECTOR  Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  FIRENET PHYSICAL LAYER  10/100Base-T  DURER REQUIREMENTS  DURER INPUT  9 - 30 VDC @ 0.5 Amps max  DURER SUPPLY  Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply  NIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  15 kV human body model  SGULATORY APPROVALS	PROTOCOLS						
Microsoft Windows* 7, 8, 8, 1, 10 and Windows Server* 2012, 2016, 2019; and Linux* Note: TCP/UDP socket services are operating system independent.  VATUS LEDS  Serial signals, Power, Ethernet, Diagnostics  MENSIONS (L x W x D)  12.00 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  EIGHT  64.0 g (2.5 oz)  THER  Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting  TERFACES  ERIAL PORTS  1 RS-232/422/485 (switch selectable)  Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  PHERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  DWER REQUIREMENTS  DWER SUPPLY  Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply  NIVIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  15 kV human body model  EGULATORY APPROVALS	SOFTWARE	Patented RealPort® for COM/TTY ports					
Note: TCP/UDP socket services are operating system independent.  FATUS LEDS  Serial signals, Power, Ethernet, Diagnostics  MENSIONS (L x W x D)  12.00 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  EIGHT  64.0 g (2.5 oz)  Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting  TERFACES  ERIAL PORTS  1 RS-232/422/485 (switch selectable)  Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  ERIAL CONNECTOR  Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  HERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  DWER REQUIREMENTS  DWER SUPPLY  Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply  NINGONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model  EGULATORY APPROVALS	SECURITY	SSHv2, SSL, TLS, HTTPS					
IMENSIONS (L x W x D)  12.00 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  EIGHT  64.0 g (2.5 oz)  THER  Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting TERRACES  ERIAL PORTS  1 RS-232/422/485 (switch selectable)  Scrient terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port ERIAL THROUGHPUT  Up to 230 kbps  THERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  DWER INPUT  9 - 30 VDC @ 0.5 Amps max  DWER SUPPLY  Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply INVIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model  EGULATORY APPROVALS	OPERATING SYSTEMS						
FURL CONNECTOR  Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting  TERFACES  ERIAL PORTS  1 RS-232/422/485 (switch selectable)  ERIAL CONNECTOR  Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  ERIAL THROUGHPUT  Up to 230 Kbps  THERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  DWER INPUT  9 - 30 VDC @ 0.5 Amps max  EMBOUCT SURGE PROTECTION  2 kV isolation between power supply and serial ground product when used with Digi power supply  NURROMMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  15 kV human body model  EGULATORY APPROVALS	STATUS LEDs	Serial signals, Power, Ethernet, Diagnostics					
Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting  TERFACES  ERIAL PORTS  1 RS-232/422/485 (switch selectable)  ERIAL CONNECTOR  Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  ERIAL THROUGHPUT  Up to 230 Kbps  THERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  DWER INPUT  9 - 30 VDC @ 0.5 Amps max  Removable screw terminal for power (power supply not included)  RODUCT SURGE PROTECTION  SD)  2 kV isolation between power supply and serial ground product when used with Digi power supply  NIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model	DIMENSIONS (L x W x D)	12.00 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)					
TERFACES  ERIAL PORTS  1 RS-232/422/485 (switch selectable)  Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  ERIAL THROUGHPUT  Up to 230 Kbps  THERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  DWER INPUT  9 - 30 VDC @ 0.5 Amps max  DWER SUPPLY  Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply  NIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model	WEIGHT	64.0 g (2.5 oz)					
ERIAL PORTS  1 RS-232/422/485 (switch selectable)  Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  ERIAL THROUGHPUT  Up to 230 Kbps  THERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  DWER INPUT  9 - 30 VDC @ 0.5 Amps max  DWER SUPPLY  Removable screw terminal for power (power supply not included)  RODUCT SURGE PROTECTION  SD)  2 kV isolation between power supply and serial ground product when used with Digi power supply  IVIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  15 kV human body model  EGULATORY APPROVALS	OTHER	Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting					
Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port  ERIAL THROUGHPUT  Up to 230 Kbps  THERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  DWER INPUT  9 - 30 VDC @ 0.5 Amps max  DWER SUPPLY  Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply  NIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model	INTERFACES						
ERIAL THROUGHPUT  Up to 230 Kbps  10/100Base-T  DWER REQUIREMENTS  DWER INPUT  9 - 30 VDC @ 0.5 Amps max  DWER SUPPLY  Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply invironmental  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model	SERIAL PORTS	1 RS-232/422/485 (switch selectable)					
THERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  DWER INPUT  9 - 30 VDC @ 0.5 Amps max  Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply  AVIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model	SERIAL CONNECTOR	Screw terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port					
DWER REQUIREMENTS  DWER INPUT  9 - 30 VDC @ 0.5 Amps max  Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply  INFORMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model	SERIAL THROUGHPUT	Up to 230 Kbps					
OWER INPUT  9 - 30 VDC @ 0.5 Amps max  Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply  AVIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model	ETHERNET PHYSICAL LAYER	10/100Base-T					
Removable screw terminal for power (power supply not included)  2 kV isolation between power supply and serial ground product when used with Digi power supply  3 kV isolation between power supply and serial ground product when used with Digi power supply  4 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product when used with Digi power supply  5 kV isolation between power supply and serial ground product	POWER REQUIREMENTS						
2 kV isolation between power supply and serial ground product when used with Digi power supply  2 kV isolation between power supply and serial ground product when used with Digi power supply  8 kV isolation between power supply and serial ground product when used with Digi power supply  8 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  9 kV isolation between power supply and serial ground product when used with Digi power supply  10 kV isolation between power supply and serial ground product when used with Digi power supply  10 kV isolation between power supply and serial ground product when used with Digi power supply  11 kV isolation between power supply  12 kV isolation between power supply  13 kV isolation between power supply  14 kV isolation between power supply  15 kV isolation between power supply  16 kV isolation between power supply  17 kV isolation between power supply  18 kV isolation between power supply  18 kV isolat	POWER INPUT	9 - 30 VDC @ 0.5 Amps max					
2 kV Isolation between power supply and serial ground product when used with Digi power supply  AVIRONMENTAL  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model	POWER SUPPLY	Removable screw terminal for power (power supply not included)					
PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model  EGULATORY APPROVALS	PRODUCT SURGE PROTECTION (ESD)	2 kV isolation between power supply and serial ground product when used with Digi power supply					
5% to 90% (non-condensing)  THERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model  EGULATORY APPROVALS	ENVIRONMENTAL						
THERNET ISOLATION 1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD) 15 kV human body model  EGULATORY APPROVALS	OPERATING TEMPERATURE	0° C to 60° C (32° F to 140° F)					
ERIAL PORT PROTECTION (ESD) 15 kV human body model EGULATORY APPROVALS	RELATIVE HUMIDITY	5% to 90% (non-condensing)					
EGULATORY APPROVALS	ETHERNET ISOLATION	1500 VAC min per IEEE 802.3/ANSI X3.263					
	SERIAL PORT PROTECTION (ESD)	15 kV human body model					
VL 1950. UL 1604 (Class 1. Div. 2). CSA 22.2 No 950. EN60950	REGULATORY APPROVALS						
,,,	SAFETY	UL 1950, UL 1604 (Class 1, Div. 2), CSA 22.2 No 950, EN60950					
MISSIONS / IMMUNITY FCC Part 15 (Class A), ICES-003 (Class A), CE, AS3548, EN6100-6-2 + EN55024, EN55022 (Class A)	EMISSIONS / IMMUNITY	FCC Part 15 (Class A), ICES-003 (Class A), CE, AS3548, EN6100-6-2 + EN55024, EN55022 (Class A)					

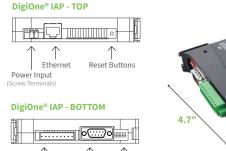
PART NUMBERS	DESCRIPTION
70001777	Digi One IAP

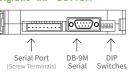
SLAVE MASTER	MB/RTU	MB SERIAL	MB/TCP	DF1	А-В ЕТН	ENET/IP	ASC11
MB SERIAL	-	YES	YES	*	*	*	YES
MB/TCP	YES	YES	-	*	*	*	YES
DF1	*	*	*	-	*	*	*
A-B ETH	*	*	*	*	-	*	*
ENET/IP	*	*	*	*	*	-	*
ASC11	NO	NO	NO	NO	NO	NO	-

<sup>\*</sup>Legacy status: AB protocols and conversions of other protocols to/from AB protocols are no longer supported. Existing functionality may be used on an as is basis.

DIGI SERVICE AND SUPPORT / You can purchase with confidence knowing that Digi is always available to serve you with expert technical support and our industry leading warranty. For detailed information visit www.digi.com/support.

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909 Ridgebrook Road., Sparks, Maryland 21152, USA TEL: +1-410-583-1701 FAX: +1-410-583-1704 E-mail: sales@pulsesupply.com

https://www.pulsesupply.com/digi-products

