



## **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 Ethernet HMI SYSTEM RS-232/422/485 HMI Panel Modbus RTU Slave

## **RELATED PRODUCTS**











Power Supply

ANAGEMENT HTTP configuration, Digi Port Authority - Remote management diagnostics and auto-discovery tool, SNMP (read/write)  Telnet, Reverse Telnet, Reverse Telnet, RFC2217, TCP/UDP Socket Services, PPP, DHC/PARRP, 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, HTTPS  ECURITY SSHv2, SSL, TLS, HTTPS  Microsoft Windows* 2**, 8, 8.1, 10 and Windows Server* 2012, 2015, 2019; and Linux*  Note: TCP/UDP socket services are operating system independent.  TATUS LEDS Serial signals, Power, Ethernet, Diagnostics  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)  EEIGHT 64.0 g (2.5 oz)  THER Full modern and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting  ITERFACES  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 10/1008ase-T  DOWER REQUIREMENTS  OWER REQUIREMENTS  OWER REQUIREMENTS  OWER 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  WitkPONNETTAL  PERATING TEMPERATURE 0°C to 60°C (32° F to 140° F)  ELIATIVE HUMIDITY 5% to 90% (non-condensing)  THERNET ISOLATION 1500 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT POPTOTECTION (ESD) 15 kW human body model  ESGUATORY 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/TTY ports  ECURITY 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)  EEIGHT 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 ITERFACES  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  THERNET PHYSICAL LAYER 10/1008ase-T  DOWER REQUIREMENTS  OWER REQUIREMENTS  OWER REQUIREMENTS  OWER 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  WINDOWSTALL  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  ESULATORY APPROVALS	FEATURES					
Support for 64 concurrent socket connections, ASCII, Modbus RTU/ASCII, Modbus/TCP  Patented RealPort* for COM/TTY ports  PECURITY  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  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)  FEIGHT  64.0 g (2.5 oz)  Full modem and hardware flow control, Flash upgradeable firmware, 6 ms serial ower Ethernet latency, 35 mm DIN rail mounting ITERFACES  FEIRLA PORTS  1 RS-232/422/485 (switch selectable)  Serve terminal connectors or DB-9M; DB-9M can act as a second direct RS-232 port connection when used as the second port EERIAL THROUGHPUT  Up to 230 Kbps  THERNET PHYSICAL LAYER  10/100Base-T  OWER INPUT  9 - 30 VDC @ 0.5 Amps max  OWER 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 swiknownental  PERATING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  150 VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  15 kV human body model  ESULATORY 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.  Serial signals, Power, Ethernet, Diagnostics  IATUS LEDS  Serial signals, Power, Ethernet, Diagnostics  Serial signals, Power, Ethernet, Diagnostics  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  ITERRACES  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  HERNET PHYSICAL LAYER  10/1008ase-T  DUET 9 - 30 VDC @ 0.5 Amps max  OWER INPUT  9 - 30 VDC @ 0.5 Amps max  OWER 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 vivironmental  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  ESULATORY 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.  IATUS LEDS  Serial signals, Power, Ethernet, Diagnostics  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 ITERRACES  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  OWER REQUIREMENTS  OWER INPUT  9 - 30 VDC @ 0.5 Amps max  OWER 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  NVRONMENTAL  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  ERIAL PORT PROTECTION (ESD)  15 kV human body model	SOFTWARE	Patented RealPort® for COM/TTY ports				
Note: TCP/UDP socket services are operating system independent.  FATUS LEDS  Serial signals, Power, Ethernet, Diagnostics  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  ITERFACES  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  OWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  SCOWER SUPPLY  Removable screw terminal for power (power supply not included)  SCOWER SUPPLY  SCOW	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)  12.01 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  12.01 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  12.01 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  12.01 cm x 2.30 cm x 10.10 cm (4.70 in x 0.90 in x 4.0 in)  14.01 g (2.5 oz)  14.02 g (2.5 oz)  14.02 g (2.5 oz)  15.02 g (2.5 oz)  16.03 g (2.5 oz)  16.03 g (2.5 oz)  17.03 g (2.5 oz)  17.03 g (2.5 oz)  18.03 g (2.5 oz)  19.03 g (2.5	OPERATING SYSTEMS					
FULL modem and hardware flow control, Flash upgradeable firmware, 6 ms serial over Ethernet latency, 35 mm DIN rail mounting ITREFACES  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  OWER INPUT  9 - 30 VDC @ 0.5 Amps max  OWER 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 with NUT SUPPLY INSURANCE SUPPLY  REPARTING TEMPERATURE  0° C to 60° C (32° F to 140° F)  ELATIVE HUMIDITY  5% to 90% (non-condensing)  THERNET ISOLATION  150V VAC min per IEEE 802.3/ANSI X3.263  ERIAL PORT PROTECTION (ESD)  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 ITERFACES  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  DOWER REQUIREMENTS  OWER INPUT  9 - 30 VDC @ 0.5 Amps max  DOWER 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  NVIRONMENTAL  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 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	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  OWER INPUT  9 - 30 VDC @ 0.5 Amps max  OWER 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  NVIRONMENTAL  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	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  Up to 230 Kbps  THERNET PHYSICAL LAYER  10/100Base-T  DWER REQUIREMENTS  OWER INPUT  9 - 30 VDC @ 0.5 Amps max  OWER 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  NVIRONMENTAL  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					
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	SERIAL PORTS	1 RS-232/422/485 (switch selectable)				
THERNET PHYSICAL LAYER  10/100Base-T  OWER REQUIREMENTS  OWER INPUT  9 - 30 VDC @ 0.5 Amps max  OWER 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  NVIRONMENTAL  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	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				
OWER REQUIREMENTS  OWER 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 swirkonmental  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	SERIAL THROUGHPUT	Up to 230 Kbps				
OWER 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  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  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 - 30 VDC @ 0.5 Amps max  2 kV isolation between power supply and serial ground product when used with Digi power supply  9 - 30 VDC @ 0.5 Amps max  2 kV isolation between power supply and serial ground product when used with Digi power supply  9 - 30 VDC @ 0.5 Amps max  2 kV isolation between power supply and serial ground product when used with Digi power supply  9 - 30 VDC @ 0.5 Amps max  2 kV isolation between power supply and serial ground product when used with Digi power supply  9 - 30 VDC @ 0.5 Amps max  2 kV isolation between power supply and serial ground product when used with Digi power supply  9 - 30 VDC @ 0.5 Amps max  2 kV isolation between power supply and serial ground product when used with Digi power supply  9 - 30 VDC @ 0.5 Amps max  2 kV isolation between power supply and serial ground product when used with Digi power supply  9 - 30 VDC @ 0.5 Amps max  1 kV isolation between power supply and serial ground product when used with Digi power supply  1 kV isolation between power supply and serial ground product when used with Digi power supply  1 kV isolation between power supply and serial ground product when used with Digi power supply  1 kV isolation between power supply and serial ground product when used with Digi power supply  1 kV isolation between power supply and serial ground product when used with Digi power supply  1 kV isolation between pow	ETHERNET PHYSICAL LAYER	10/100Base-T				
OWER SUPPLY RODUCT SURGE PROTECTION 2 kV isolation between power supply and serial ground product when used with Digi power supply NVIRONMENTAL 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 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  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  6 kV isolation between power supply and serial ground product when used with Digi power supply  6 kV isolation between power supply and serial ground product when used with Digi power supply  6 kV isolation between power supply and serial ground product when used with Digi power supply  6 kV isolation between power supply and serial ground product when used with Digi power supply  6 kV isolation between power supply and serial ground product when used with Digi power supply  6 kV isolation between power supply and serial ground product when used with Digi power supply  7 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  1 kV isolation between power supply and serial ground product when used with Digi power supply  1 kV isolation between power supply and serial ground product when used with Digi power supply  1 kV isolation between power supply and serial ground product when used with Digi power supply  1 kV isolation between power supply and serial ground product when used with Digi power supply  1 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  2 kV isolation between power s	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  EVIRONMENTAL  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	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				
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	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				
AFETY UL 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)				

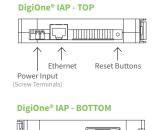
PART NUMBERS	DESCRIPTION
70001777	Digi One IAP

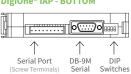
SLAVE MASTER	MB/RTU	MB SERIAL	MB/TCP	DF1	А-В ЕТН	ENET/IP	ASC11
MB SERIAL	-	YES	YES	*	*	*	YES
MB/TCP	YES	YES	-	*	*	*	YES
DF1	*	*	*	-	*	*	*
A-B ETH	*	*	*	*	-	*	*
ENET/IP	*	*	*	*	*	-	*
ASC11	NO	NO	NO	NO	NO	NO	-

<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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DIGI INTERNATIONAL WORLDWIDE HQ 877-912-3444 / 952-912-3444 / www.digi.com

DIGI INTERNATIONAL GERMANY +49-89-540-428-0

**DIGI INTERNATIONAL JAPAN** +81-3-5428-0261 / www.digi-intl.co.jp DIGI INTERNATIONAL SINGAPORE +65-6213-5380

**DIGI INTERNATIONAL CHINA** +86-21-50492199 / www.digi.com.cn

