







**DIGI REMOTE MANAGER®** 

# DIGI CONNECTPORT X4 FAMILY

Remote M2M networking gateways designed for commercial grade and rugged outdoor applications

Digi ConnectPort® X4 customizable cellular M2M gateways offer a variety of LAN/WAN interface options for end-toend networking of remote devices. The gateways include comprehensive IP protocols and IPSec VPN support for high-end routing and security. The easy DIA/Python development environment enables custom applications to run locally while interfacing across cellular networks for WAN connectivity to a centralized server.

ConnectPort X4 gateways feature a compact commercialgrade enclosure or an optional outdoors IP66/NEMA 4X enclosure. Interface options include Ethernet, serial and

Zigbee/RF for flexible connectivity to virtually any remote device.

All Digi ConnectPort X4 gateways feature an end-to-end development environment using comprehensive Digi ESP™ IDE and DIA/Python programming languages. Gain critical insights into your deployed devices and manage your network with Digi Remote Manager®. Digi Remote Manager (Digi RM) is a cloud-based solution that facilitates easy setup, mass configuration, maintenance and support for hundreds or even thousands of remote Digi devices.

APPLICATION EXAMPLE

**HEADQUARTERS** 

# **FEATURES AND BENEFITS**

- WAN connectivity via LTE or 3G HSPA+ networks
- Local wireless connectivity through Zigbee
- Local wired connectivity through RS-232/422/485, 2 analog inputs and 2 digital inputs
- Small commercial-grade enclosure or NEMA 4X/IP66 case
- Full routing/IP filtering plus IPsec/SSL VPNs with DES, 3DES or AES encryption
- Easy development environment via DIA and Python scripting as part of Digi ESP IDE
- configuration and management

# ZIGBEE®/802.15.4 WIRELESS MESH NETWORK Support for Modbus/Modbus TCP **CONNECTPORT® X4 H** - Digi Remote Manager® platform for easy setup, mass **RELATED PRODUCTS** on Top of a Liquid Storage Tank Digi WR21 Digi WR31 Digi Connect®

SPECIFICATIONS	DIGI CONNECTPORT® X4	DIGI CONNECTPORT® X4 H		
WIRELESS INTERFACES				
WWAN**				
LTE CAT 1	N/A	Verizon: bands 2,4,14 AT&T & T-Mobile: bands 2,4,5 with 3G/2G fallback		
HSPA+ (U9)	850/900/1700 (AWS)/1900/2100 MHz; Transfer rate (max): 5.76 Mbps up, 21 Mbps down			
CONNECTOR	1 or 2 x SMA (center pin - on device: female; on antenna: male)	1 or 2 x SMA (center pin - on device: female; on antenna: male)		
SIM SLOTS	2	1		
SIM SECURITY	SIM slot cover plate	Internal SIM slot		
RF				
STANDARD	Zigbee® (2.4 GHz)			
CONNECTOR	1 x RP-SMA (center pin - on device: male; on antenna: female)	1 x RP-SMA (center pin - on device: male; on antenna: female)		
WIRED INTERFACES				
SERIAL				
PORTS	1			
STANDARD	RS-232	RS-232/422/485 (software selectable)		
DTE/DCE	DTE			
SIGNAL SUPPORT	TXD, RXD, RTS, CTS, DTR, DSR and DCD			
FLOW CONTROL	Hardware and software flow control			
COM PORT REDIRECTOR	RealPort®			
THROUGHPUT	Up to 230 Kbps			
CONNECTOR	DB-9 Male	Screw-down terminal block		
ETHERNET				
PORTS	1			
STANDARD	IEEE 802.3			
PHYSICAL LAYER	10/100 Base-T			
DATA RATE	10/100 Mbps (auto-sensing)			
MODE	Full or half duplex (auto-sensing)			
INTERFACE	Auto MDI/MDIX			
CONNECTOR	RJ-45			
I/O				
PORTS	N/A	2 analog and 2 digital		
CONNECTOR	N/A	Screw-down terminal block		
USB				
PORTS	1			
STANDARD	USB 1.1			
SIGNALING	Full-speed			
CONNECTOR	Type A			
SOFTWARE/MANAGEMENT				
REMOTE MANAGEMENT	Digi Remote Manager®			
LOCAL MANAGEMENT	Web Interface via HTTP/HTTPS, password access control, IP service port control; CLI via serial port, Telnet, Python scripting (2.4.3); Digi SureLink® "always-on" connection			
SECURITY	SSL tunnels, SSHv2, FIPS 197 (IPsec, HTTPS)			



NETWORK PROTOCOLS  UPP/TCP, DHCP, SMMPV1/v2  IPsec with Integrativity multiple turnel support; DES, 3DES and up to 256 bit AES encryption; VPN pass-through, GRE forwarding. Semple certificate from the control of SCEP) for X,598 certificate  NAT, NAT T for Traversal) VPN turneling, port forwarding, VPNQGRE pass-through; access control lists (IP filtering), IP pass-through, VIV pass-through access control lists (IP filtering), IP pass-through, access control lists (IP pass-through, access control lists (IP filtering), IP pass-through, access control lists (IP filtering), IP pass-through, access	SPECIFICATIONS	DIGI CONNECTPORT® X4	DIGI CONNECTPORT® X4 H		
PPN Proceed to the ELENAMOR, multiple turnel support; DES, 3DES and up to 256-bit AES encryption; VPN pass-through, GRE forwarding; Simple Certificate Encollment Protocol (SCEP) for ASD settlificate  NROUTING NAT, HART TORY TEXAS JOINT MINISTER, AND ASD SETTLIFICATE AND ASD SETTLIF	SOFTWARE/MANAGEMENT (CONTINUED)				
ROUTING   Simple Certificate Enrollment Protocol (SCEP) for Xx9 certificate   ROUTING   Nat XATT LORT TOWNS TOWNS IN 1997 or forwarding, PYRIGE pass-through; access control lists (IP filtering), IP pass through, Virtual Router Redundancy Protocol (IVERP) per RFC 1768.   INDUSTRIAL PROTOCOL   Modulus serves with the protocol (IVERP) per RFC 1768.   Modulus protocol miles; uses Modulus Unit Ib to look up IP or mesh MAC address.   REAL-TIME CLOCK   Yes	NETWORK PROTOCOLS				
INDUSTRIAL PROTOCIL SUPPORT  Modibus kingles enables Modibus can't be mobiles Modibus fortige enables Modibus fortige combined as themset to serial bridge, but uses bigli Xibee* to transport serial data; handles unique timing issues p Modibus protocol rules; uses Modibus Unit 10 to look up IP or mesh MAC address  REAL-TIME CLOCK  Yes  MEMORY  16 MB Flash, 32 MB RAM  POWER  INPUT  6-30 VDC  100-240 VAC  CONSUMPTION  101-240 VAC  CONSUMPTION  102-40 VAC  CONSUMPTION  104 MW burst (EFT) per4-41, 2 kV surge per EN61000-4  105 VAV burst (EFT)  (with included power supply)  CONNECTOR  105 VAV burst (EFT)  (with included power supply)  CONNECTOR  105 VAV burst (EFT)  (with included power supply)  (with included power supply for included power supp	VPN				
Modus service/sixer, functions like an Ethernet to serial bridge, but uses Digl XBee* to transport serial data; handles unique timing issues p Modusus protocol rules; uses Modus up IP or mesh MAC address  REAL-TIME CLOCK  Ves  MEMORY  16 MB Flash, 32 MB RAM  POWER  INPUT  6-30 VDC  100-240 VAC  CONSUMPTION  16le: 1.5W, Masc 10.4W  Approx. 15 W  APPROTECTION  4 kV burst (EFT)  with included power supply)  CONNECTOR  Locking barrel  DEPOWER CORD*  Available upon request  AC POWER SUPPLY*  21 VDC power supply for 0° C to 40° C (32° F to 104° F) included; extended temperature power supply available separately  N/A  POWER SUPPLY*  BATTERY BACKUP  PMYSICAL  DIMENSIONS (L X W X H)  13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  WEIGHT  2.00 kg (0.44 lb)  STATUS LEDS  Ethernet status, power, cellular link/activity, signal strength (4 bars), Digl XBee link/activity, signal strength (5 bars Digl XBee link/activity, signal strength (4 bars), Digl XBee link/activity  ENCLOSURE MATERIAL  ENCLOSURE MATERIAL  ENCLOSURE MATERIAL  ENCLOSURE MATERIAL  MACHING  MOUNTING  Wall-mount bracket sold separately  4x mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE  -40° C to 75° C (22° F to 167° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  STORAGE TEMPERATURE  -40° C to 85° C (40° F to 188° F)  N/A (enclosure is water-tight)  THE FRENCET SIOLATION  1500 VAC min per IEEE 802.3 (ANSI	ROUTING				
MEMORY 16 MB Flash, 32 MB RAM  POWER  INPUT 6-30 VDC 100-240 VAC CONSUMPTION 16le: 1.5 W, Mas: 10.4 W Approx. 15 W PROTECTION 4 kV burst (EFT) per-4-4, 2 kV surge per EN61000-4 2 kV burst (EFT) With included power supply) CONNECTOR Locking barret DC POWER CORD* Available upon request AC POWER SUPPLY* 12 VDC power supply for 0" C to 40" C (32" F to 104" F) included; extended temperature power supply svailable separately  N/A  AC POWER SUPPLY* NA  PHYSICAL  DIMENSIONS (L X W X H) 13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in) 240 mm x 160 mm x 95 mm (9.50 in x 6.25 in x 3.75 in) WEIGHT 0.20 kg (0.44 lb) 25 TATUS LEDS 26 Dight Ree (ink/activity, signal strength (4 bars), Digk XBee (ink/activity, signal strength (5 bars) Digk XBee (ink/activity, signal strength (4 bars), Digk XBee (ink/activity, signal strength (5 bars) Digk XBee (ink/activity)  ENCLOSURE MATERIAL Industrial (metal) N/A  MOUNTING Wall-mount bracket sold separately 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F) STORAGE TEMPERATURE 40" C to 85" C (40" F to 185" F)	INDUSTRIAL PROTOCOL SUPPORT	Modbus bridge enables Modbus serial to Modbus/TCP conversion; integrated Python code allows gateway to act as Modbus client/master or Modbus server/slave; functions like an Ethernet to serial bridge, but uses Digi XBee® to transport serial data; handles unique timing issues per Modbus protocol rules; uses Modbus Unit ID to look up IP or mesh MAC address			
POWER  INPUT 6-30 VDC  CONSUMPTION Idle: 1.5 W, Max: 10.4 W Approx. 15 W Approx. 15 W  PROTECTION 4 kV burst (EFT) per 4-4, 2 kV surge per EN61000-4 (with included power supply)  CONNECTOR Locking barrel Pigtail AC power cord Depower Cord*  De POWER CORD* Available upon request NAC POWER SUPPLY* All SUPPLY* Available upon request Internal  2 VDC power supply for 0° C to 40° C (32° F to 104° F) included; extended temperature power supply available separately  BATTERY BACKUP N/A  PHYSICAL  DIMENSIONS (L X W X H) 13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in) 240 mm x 160 mm x 95 mm (9.50 in x 6.25 in x 3.75 in)  WEIGHT 0.20 kg (0.44 lb) 13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in) 240 mm x 160 mm x 95 mm (9.50 in x 6.25 in x 3.75 in)  WEIGHT 0.20 kg (0.44 lb) 1.41 kg (3.10 lb) 1.41 kg (3.10 lb) 1.41 kg (3.10 lb)  STATUS LEDS 1.5 thermet status, power, cellular link/activity, signal strength (4 bars), Digi XBee link/activity, signal strength (5 bars Digi XBee link/activity)  ENCLOSURE MATERIAL Industrial (metal) NEMA 4X  ENCLOSURE RATING N/A 1966  MOUNTING Wall-mount bracket sold separately 4x mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE 40° Cto 75° C (22° F to 167° F)  STORAGE TEMPERATURE 40° Cto 75° C (40° F to 185° F)  RELATIVE HUMIDITY 5% to 95% (non-condensing) N/A (enclosure is water-tight)  ETHERNET ISOLATION 1500 VAC min per IEEE 802.3/NNSI X3.263  SERIAL PORT PROTECTION (1500 VAC min per IEEE 802.3/NNSI X3.263  SERIAL PORT PROTECTION 1500 VAC min per IEEE 802.3/NNSI X3.263  SERIAL PORT PROTECTION 1500 VAC min per IEEE 802.3/NNSI X3.263  SERIAL PORT PROTECTION 215 kV Air Gap and +8 kV contact discharge per IEC 1000 4-2  HAZARDOUS (CLASS 1 DIV 2) No	REAL-TIME CLOCK	Yes			
INPUT  6:30 VDC  CONSUMPTION  Idle: 1:5 W, Max: 10.4 W  Approx: 15 W  Approx: 15 W  PROTECTION  4 kV burst (EFT) per-4-4, 2 kV surge per EN61000-4  (with included power supply)  (with included power supply)  CONNECTOR  Locking barrel  DC POWER CORD*  Available upon request  12 VDC power supply for 0° C to 40° C (32° F to 104° F) included; with remal  Extended temperature power supply available separately  BATTERY BACKUP  N/A  PHYSICAL  DIMENSIONS (L X W X H)  13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  WEIGHT  0.20 kg (0.44 lb)  13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  WEIGHT  0.20 kg (0.44 lb)  14.1 kg (3.10 lb)  Ethernet status, power, cellular link/activity, signal strength (4 bars), Digl XBee link/activity, signal strength (5 bars Digl XBee link/activity)  ENCLOSURE MATERIAL  Industrial (metal)  NA  MOUNTING  Wall-mount bracket sold separately  avail-mount bracket sold separately  ENVIRONMENTAL  OPERATING TEMPERATURE  -40° C to 88° C (-40° F to 185° F)  STORAGE TEMPERATURE  -40° C to 88° C (-40° F to 185° F)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  No  APPROVALS  GSM/UNTS  CELLULIAR CARRIERS  Certified by most major carriers, visit www.digi.com/resources/certifications for latest cellular certifications	MEMORY	16 MB Flash, 32 MB RAM			
CONSUMPTION Idle: 1.5 W, Max: 10.4 W Approx. 15 W 2W burst (EFT) per 4-4, 2 kV surge per EN61000 4 2W burst (EFT) (with included power supply)  CONNECTOR Locking barrel Pigtail AC power cord  DC POWER CORD* Available upon request N/A  AC POWER SUPPLY* 212 VDC power supply for 0° C to 40° C (32° F to 104° F) included; extended temperature power supply available separately Internal  BATTERY BACKUP N/A  PHYSICAL  DIMENSIONS (L X W X H) 13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in) 240 mm x 160 mm x 95 mm (9.50 in x 6.25 in x 3.75 in)  WEIGHT 0.20 kg (0.44 lb) 1.41 kg (3.10 lb)  Ethernet status, power, cellular link/activity, signal strength (4 bars), Digi X Bee link/activity, signal strength (4 bars), Digi X Bee link/activity  ENCLOSURE MATERIAL Industrial (metal) NEM 4X  MOUNTING Wall-mount bracket sold separately 4x mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE	POWER				
PROTECTION 4 kW burst (EFT) per-4-4, 2 kV surge per EN61000-4 (pith included power supply)  CONNECTOR Locking barrel DC POWER CORD* Available upon request N/A  AC POWER SUPPLY* 12 VDC power supply for 0° Ct 0 40° C (32° F to 104° F) included; extended temperature power supply available separately  Internal  BATTERY BACKUP N/A  PHYSICAL  DIMENSIONS (L X W X H) 13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  WEIGHT 0.20 kg (0.44 lb) 12.30 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  WEIGHT 0.20 kg (0.44 lb) 1.4.1 kg (3.10 lb) 1.4.1 kg (3.10 lb) 1.5 Ethernet status, power, cellular link/activity, signal strength (4 bars), Digi XBee link/activity, signal strength (5 bars Digi XBee link/activity  ENCLOSURE MATERIAL Industrial (metal) NEMA 4X  ENCLOSURE RATING N/A  MOUNTING Wall-mount bracket sold separately 4 xm mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE	INPUT	6-30 VDC	100-240 VAC		
CONNECTOR Locking barrel Pigtal A Dower supply)  CONNECTOR Locking barrel Pigtal A Coower supply)  DC POWER CORD* Available upon request  AC POWER SUPPLY* 12VDC power supply for 0° C to 40° C (32° F to 104° F) included; extended temperature power supply available separately  BATTERY BACKUP  PMYSICAL  DIMENSIONS (LXWX H)  13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  WEIGHT  0.20 kg (0.44 lb)  STATUS LEDS  Ethernet status, power, cellular link/activity, signal strength (4 bars), pig XBee link/activity, signal strength (4 bars), pig XBee link/activity  ENCLOSURE MATERIAL  Industrial (metal)  MOUNTING  Wall-mount bracket sold separately  Ava mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE  40° C to 85° C (-40° F to 185° F)  STORAGE TEMPERATURE  40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  ANA  NO  NO  NO  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULIAR CARRIERS  Certified by most major carriers; visit www.digl.com/resources/certifications for latest cellular certifications	CONSUMPTION	Idle: 1.5 W, Max: 10.4 W	Approx. 15 W		
DC POWER CORD*  Available upon request  AC POWER SUPPLY*  12 VDC power supply for 0° C to 40° C (32° F to 104° F) included; extended temperature power supply available separately  N/A  PHYSICAL  DIMENSIONS (L X W X H)  13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  WEIGHT  0.20 kg (0.44 lb)  1.41 kg (3.10 lb)  STATUS LEDS  Ethernet status, power, cellular link/activity, signal strength (4 bars), Digl XBee link/activity, signal strength (4 bars), Digl XBee link/activity, signal strength (4 bars), Digl XBee link/activity  ENCLOSURE MATERIAL  Industrial (metal)  N/A  NOUNTING  Wall-mount bracket sold separately  Wall-mount bracket sold separately  Ava mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE  -30° C to 75° C (-22° F to 167° F)  STORAGE TEMPERATURE  -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY  S96 to 95% (non-condensing)  N/A (enclosure is water-tight)  ETHERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION  (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  No  No  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digl.com/resources/certifications for latest cellular certifications	PROTECTION	4 kV burst (EFT) per-4-4, 2 kV surge per EN61000-4			
AC POWER SUPPLY*  12 VDC power supply for 0° C to 40° C (32° F to 104° F) included; extended temperature power supply available separately  N/A  PHYSICAL  DIMENSIONS (L X W X H)  13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  WEIGHT  0.20 kg (0.44 lb)  1.41 kg (3.10 lb)  Ethernet status, power, cellular link/activity, signal strength (4 bars), Digl XBee link/activity, signal strength (4 bars), Digl XBee link/activity, signal strength (4 bars), Digl XBee link/activity, signal strength (5 bars Digl XBee link/activity)  ENCLOSURE MATERIAL  Industrial (metal)  N/A  IP66  MOUNTING  Wall-mount bracket sold separately  Wall-mount bracket sold separately  Ava mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE  -30° C to 75° C (-22° F to 167° F)  STORAGE TEMPERATURE  -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  FTEHENRET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION  (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  No  No  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digl.com/resources/certifications for latest cellular certifications	CONNECTOR	Locking barrel	Pigtail AC power cord		
extended temperature power supply available separately  PHYSICAL  DIMENSIONS (L X W X H)  13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  WEIGHT  0.20 kg (0.44 lb)  1.41 kg (3.10 lb)  Ethernet status, power, cellular link/activity, signal strength (4 bars), Digi XBee link/activity, signal strength (4 bars), Digi XBee link/activity  ENCLOSURE MATERIAL  Industrial (metal)  NA  PHOFE  MOUNTING  Wall-mount bracket sold separately  4x mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE  -30° C to 75° C (-22° F to 167° F)  STORAGE TEMPERATURE  -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  N/A (enclosure is water-tight)  ETHERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION  (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  No  No  APPROVALS  GEMAND TEMPERATURE  PTCRB, NAPRD.03, 6CF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	DC POWER CORD*	Available upon request	N/A		
PHYSICAL  DIMENSIONS (L X W X H)  13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  240 mm x 160 mm x 95 mm (9.50 in x 6.25 in x 3.75 in)  WEIGHT  0.20 kg (0.44 lb)  Ethernet status, power, cellular link/activity, signal strength (4 bars), Digi XBee link/activity, signal strength (5 bars Digi XBee link/activity)  ENCLOSURE MATERIAL  Industrial (metal)  N/A  IP66  MOUNTING  Wall-mount bracket sold separately  4x mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE  -30° C to 75° C (-22° F to 167° F)  STORAGE TEMPERATURE  -40° C to 85° C (-40° F to 185° F)  STORAGE TEMPERATURE  -40° C to 85° C (-40° F to 185° F)  ETHERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION  (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  (KSD)  NO  NO  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	AC POWER SUPPLY*		Internal		
DIMENSIONS (L X W X H)  13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)  240 mm x 160 mm x 95 mm (9.50 in x 6.25 in x 3.75 in)  WEIGHT  0.20 kg (0.44 lb)  1.41 kg (3.10 lb)  Ethernet status, power, cellular link/activity, signal strength (4 bars), Digi XBee link/activity, signal strength (4 bars), Digi XBee link/activity, signal strength (5 bars Digi XBee link/activity)  ENCLOSURE MATERIAL  Industrial (metal)  N/A  IP66  MOUNTING  Wall-mount bracket sold separately  4x mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE  -40° C to 75° C (-22° F to 167° F)  STORAGE TEMPERATURE  -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  N/A (enclosure is water-tight)  ETHERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  NO  NO  APPROVALS  GEHLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	BATTERY BACKUP	N/A			
WEIGHT  0.20 kg (0.44 lb)  Ethernet status, power, cellular link/activity, signal strength (4 bars), Digi XBee link/activity, signal strength (4 bars), Digi XBee link/activity, signal strength (5 bars Digi XBee link/activity  Industrial (metal)  NEMA 4X  ### A Wounting feet on the unit's flange  ### A wounting feet	PHYSICAL				
Ethernet status, power, cellular link/activity, signal strength (4 bars), Digi XBee link/activity Signal strength (5 bars Digi	DIMENSIONS (L X W X H)	13.33 cm x 8.50 cm x 2.54 cm (5.25 in x 3.35 in x 1.00 in)	240 mm x 160 mm x 95 mm (9.50 in x 6.25 in x 3.75 in)		
Digi XBee link/activity  ENCLOSURE MATERIAL  Industrial (metal)  N/A  IP66  MOUNTING  Wall-mount bracket sold separately  4x mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE  -30° C to 75° C (-22° F to 167° F)  STORAGE TEMPERATURE  -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  N/A (enclosure is water-tight)  ETHERNET ISOLATION  SERIAL PORT PROTECTION (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  NO  NO  APPROVALS  GSM/UMTS  CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	WEIGHT	0.20 kg (0.44 lb)	1.41 kg (3.10 lb)		
ENCLOSURE RATING  N/A  Wall-mount bracket sold separately  4x mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE ***  -30° C to 75° C (-22° F to 167° F)  STORAGE TEMPERATURE  -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  N/A (enclosure is water-tight)  ETHERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION  (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  No  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	STATUS LEDS		Ethernet status, power, cellular link/activity, signal strength (5 bars), Digi XBee link/activity		
MOUNTING Wall-mount bracket sold separately 4x mounting feet on the unit's flange  ENVIRONMENTAL  OPERATING TEMPERATURE *** -30° C to 75° C (-22° F to 167° F)  STORAGE TEMPERATURE -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY 5% to 95% (non-condensing) N/A (enclosure is water-tight)  ETHERNET ISOLATION 1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION (ESD) +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2) No No  APPROVALS  GSM/UMTS PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	ENCLOSURE MATERIAL	Industrial (metal)	NEMA 4X		
ENVIRONMENTAL  OPERATING TEMPERATURE *** -30° C to 75° C (-22° F to 167° F)  STORAGE TEMPERATURE -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY 5% to 95% (non-condensing) N/A (enclosure is water-tight)  ETHERNET ISOLATION 1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION (ESD) +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2) No No  APPROVALS  GSM/UMTS PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	ENCLOSURE RATING	N/A	IP66		
OPERATING TEMPERATURE -30° C to 75° C (-22° F to 167° F)  STORAGE TEMPERATURE -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY 5% to 95% (non-condensing) N/A (enclosure is water-tight)  ETHERNET ISOLATION 1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION (ESD) +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2) No No  APPROVALS  GSM/UMTS PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	MOUNTING	Wall-mount bracket sold separately	4x mounting feet on the unit's flange		
STORAGE TEMPERATURE  -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  N/A (enclosure is water-tight)  ETHERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  No  No  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	ENVIRONMENTAL				
STORAGE TEMPERATURE  -40° C to 85° C (-40° F to 185° F)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  N/A (enclosure is water-tight)  ETHERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  No  No  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	OPERATING TEMPERATURE ***	-30° C to 75° C (-22° F to 167° F)			
RELATIVE HUMIDITY  5% to 95% (non-condensing)  N/A (enclosure is water-tight)  1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  No  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	STORAGE TEMPERATURE				
ETHERNET ISOLATION  1500 VAC min per IEEE 802.3/ANSI X3.263  SERIAL PORT PROTECTION (ESD)  +15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  No  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications			N/A (anclosure is water tight)		
#15 kV Air Gap and +8 kV contact discharge per IEC 1000-4-2  HAZARDOUS (CLASS 1 DIV 2)  No  No  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications		. 3	N/A (efficiosare is water-ugiti)		
HAZARDOUS (CLASS 1 DIV 2)  NO  APPROVALS  GSM/UMTS  PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	SERIAL PORT PROTECTION				
APPROVALS  GSM/UMTS PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	•				
GSM/UMTS PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511  CELLULAR CARRIERS Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	,	NO	NO		
CELLULAR CARRIERS  Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications	APPROVALS				
	GSM/UMTS	PTCRB, NAPRD.03, GCF-CC, R&TTE, EN 301 511			
THE COURT OF THE C	CELLULAR CARRIERS	Certified by most major carriers; visit www.digi.com/resources/certifications for latest cellular certifications			
SAFE IY UL 60950, CSA 22.2 No. 60950, EN62368; Class 1 Div 2 (IA model only)	SAFETY	UL 60950, CSA 22.2 No. 60950, EN62368; Class 1 Div 2 (IA model only)			
EMISSIONS/IMMUNITY CE, FCC Part 15 (Class A), AS/NZS CISPR 22, EN55024, EN55032, Class A	EMISSIONS/IMMUNITY	CE, FCC Part 15 (Class A), AS/NZS CISPR 22, EN55024, EN55032, Class A			
WARRANTY	WARRANTY				
PRODUCT WARRANTY 3-year	PRODUCT WARRANTY	3-year			



<sup>\*</sup>Optional hardware

\*\*Transfer rates are network operator dependent

\*\*\*Reduced cellular performance may occur above 60° C (140° F). Standard temperature power supplies may reduce temperature range.

# **DIGI REMOTE MANAGER®**



Digi Remote Manager is the technology platform that brings networks to the next level, allowing networks — and the people who manage them — to work smarter. With Digi Remote Manager you can transform a multitude of dispersed IoT devices into a dynamic, intelligent network. Now you can easily deploy, monitor and diagnose thousands of mission-critical devices from a single point of command — on your desktop, tablet or phone. All the while, its software-defined security diligently safeguards your entire Digi ecosystem.

Learn more at www.digi.com/digi-remote-manager

## **CAPABILITIES**

- Activate, monitor and diagnose your mission-critical devices from a single point of command and control — on your desktop or mobile app
- Schedule key operations including firmware updates and file management on a single device or on a group of devices, keeping your network functionality up-to-date and maintaining compliance standards
- Manage edge devices out-of-band via console terminal access
- Keep tabs on device health and connectvity across device deployments of any size
- Create detailed reports and enable real-time alerts for specified conditions
- Integrate device data through open APIs to gain deeper insights and control with third-party applications
- Report and alert on performance statistics, including connection history, signal quality, latency, data usage and packet loss

### **INFRASTRUCTURE**

- Hosted in a commercial-grade cloud server environment that meets SOC 1°, SOC 2° and SOC 3° standards
- Superior availability, operating to 99.9% or greater
- Open APIs available to support application development

#### **SECURITY**

- More than 175 security controls in place to protect your data
- Member of the Center for Internet Security® (CIS®)
- Enables compliance with security frameworks like ISO27002, HIPAA, NIST and more
- Earned Skyhigh's CloudTrust™ Program highest rating of Enterprise-Ready

PART NUMBERS	DESCRIPTION
ConnectPort X4 H - Zigbee	
X4H-Z1U-L301-US	ConnectPort X4 H -Digi XBee Zigbee to Ethernet & cellular (LTE)
ConnectPort X4 - Zigbee	
X4-Z11-E-A	ConnectPort X4 - Digi XBee Zigbee to Ethernet
X4-Z11-E-W	ConnectPort X4 - Digi XBee Zigbee to Ethernet (International)
X4-Z1J-U901-W	ConnectPort X4 - Digi XBee Zigbee to Ethernet & cellular (HSPA+) (International)
X4-Z1U-U901-A	ConnectPort X4 - Digi XBee Zigbee to Ethernet & cellular (HSPA+)

PART NUMBERS	DIGI REMOTE MANAGER®
DIGI-RM-STD-1YR	Digi Remote Manager Standard - 1-year subscription
DIGI-RM-PRM-1YR	Digi Remote Manager Premier - 1-year subscription
DIGI-RM-PRM-3YR	Digi Remote Manager Premier - 3-year subscription
DIGI-RM-PRM-5YR	Digi Remote Manager Premier - 5-year subscription

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