INDUSTRIAL-GRADE DIGI XBEE® TO IP GATEWAYS

Manage this device with Digi Remote Manager

DIGI CONNECTPORT X2

Customizable, low-cost Digi XBee to Ethernet gateways offer easy IP networking of RF devices and sensor networks

ConnectPort® X2 is a small Digi XBee® to Ethernet gateway that provides low-cost IP networking of RF devices and sensor networks. Featuring an easy development environment, ConnectPort X2 enables custom applications to run locally while interfacing across existing Ethernet networks for WAN connectivity to the internet.

ConnectPort X2 products feature an end-to-end development environment based on local customization via Python, allowing for rapid M2M-specific application development on the industry standard Python scripting engine.
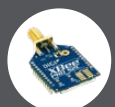
Digi ESP™ provides an IDE featuring device detection, debugging, compiling and downloading of Python code to Digi gateways.

Gain critical insights into your deployed devices and manage your network with Digi Remote Manager® — the command center for your deployment. 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. Digi RM lets you evaluate, update and configure your Digi enterprise products — and the health of your network — at scale after deployment.

BENEFITS

- Digi XBee to Ethernet IP gateways support numerous Digi XBee protocols
- Industrial grade enclosures for rugged environments
- Digi Remote Manager® for secure, scalable access to an unlimited number of remote assets and seamless web services integration from Digi gateways into customer back office applications

APPLICATION EXAMPLE

HEADQUARTERS — Ethernet — DIGI REMOTE MANAGER®

Ethernet

DIGI XBEE® WPAN

Meter

DIGI XBEE® MODULE

CONNECTPORT® X2 GATEWAY

Serial

Meter

DIGI XBEE® ADAPTER

Meter

RELATED PRODUCTS

Modules   Adapters   Range Extenders   Sensors   Development Kits
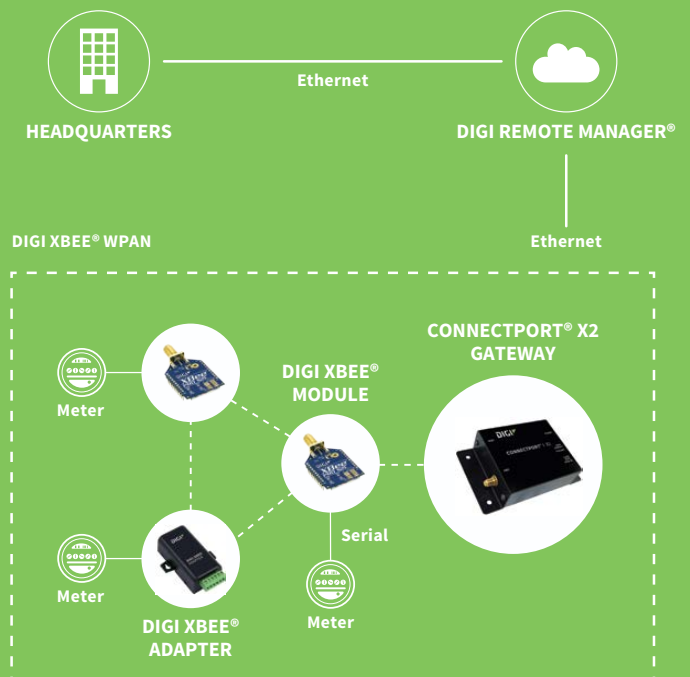
SPECIFICATIONS	DIGI CONNECTPORT® X2
GENERAL	
MANAGEMENT	HTTP/HTTPS web interface, password access control, IP service port control, optional secure enterprise management via Digi Remote Manager®
PROTOCOLS	UDP/TCP, DHCP, SNMPv1
TOTAL MEMORY	8 MB Flash, 16 MB RAM
LEDS	Ethernet status, power, ZigBee link/activity
SECURITY	SSL tunnels
DIMENSIONS (L X W X H) AND WEIGHT	13.9 cm x 7.0 cm x 2.9 cm (5.50 in x 2.75 in x 1.13 in); 0.20 kg (0.44 lb)
WIRELESS INTERFACES	
DIGI XBEE MODULE OPTIONS	Zigbee, 900HP
ANTENNA PORT	RPSMA female
ETHERNET	
PORTS	(1) RJ-45 port
PHYSICAL LAYER	10/100 Base-T
DATA RATE AND MODE	10/100 Mbps (auto-sensing); Full or half duplex (auto-sensing)
POWER REQUIREMENTS	
POWER INPUT	9-30 VDC
POWER SUPPLY	12 VDC power supply for 0° C to 60° C (32° F to 140° F) with locking barrel connector included; extended temperature power supply available separately
POWER CONSUMPTION	Idle: 1.2 W, Max: 3.4 W
SURGE PROTECTION (W/INCLUDED POWER SUPPLY)	4 kV burst (EFT) per-4-4, 2 kV surge per EN61000-4
ENVIRONMENTAL	
OPERATING TEMPERATURE	-30° C to 70° C (-22° F to 158° F)
RELATIVE HUMIDITY	5% to 95% (non-condensing)
ETHERNET ISOLATION	1500 VAC min per IEEE802.3 / ANSI X3.263
REGULATORY APPROVALS	
SAFETY	EN60950
EMISSIONS/IMMUNITY	CE, FCC Part 15 (Class A)
WARRANTY	
PRODUCT WARRANTY	3-year

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
X2-Z11-EM-A	ConnectPort X2 - Digi XBee (ZigBee) to Ethernet, industrial enclosure, antennas and power supply included
X2-Z11-EM-W	ConnectPort X2 - Digi XBee (ZigBee) to Ethernet, industrial enclosure, antennas and power supply included (International)
X2-HMA-EM-W	ConnectPort X2 – Digi XBee-PRO 900HP to Ethernet, industrial enclosure. Antennas and power supply included for Australia (International)
X2-HMU-EM-A	ConnectPort X2 - Digi XBee-PRO 900HP to Ethernet, industrial enclosure, antennas and power supply included
X2-HMU-EM-B	ConnectPort X2 - XBee-PRO 900HP to Ethernet, industrial enclosure, antenna (A09-HASM-675) and international power supply (24000091) included for Brazil

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