XBEE TO IP GATEWAY WITH CLOUD MANAGEMENT SERVICES

XBEE[®] GATEWAY FAMILY

Programmable gateway connects XBee devices to cloud-based applications over cellular, Wi-Fi or Ethernet

The XBee Gateway provides a low-cost XBee to IP solution, featuring scalable remote configuration and management of XBee networks with Digi Device CloudSM. By default, all XBee data sent to the gateway is automatically available to online applications via Device Cloud. With a simple, open-source Python development environment, this gateway also enables custom applications to run locally while interfacing across existing Ethernet/Wi-Fi/cellular networks for WAN connectivity to cloud-based software applications.

XBee Gateway products can be managed remotely via Device Cloud, allowing users to remotely manage thousands of deployed devices, supporting features like remote firmware upgrades and event alarms.

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DIGI

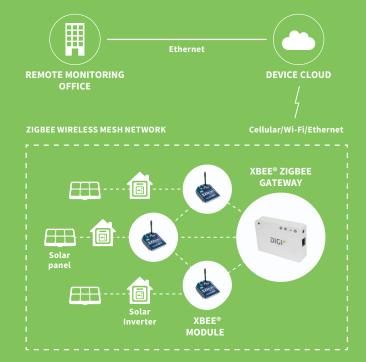
The XBee Gateway can be tested and developed using the XBee ZigBee Cloud Kit, which fully integrates the XBee Gateway, XBee Module, Device Cloud and a sample web application into a cohesive internet-connected solution. This kit is a powerful tool that enables developers to create internet-connected prototypes in 30 minutes or less.

BENEFITS

DIGI

- Open Source Python environment for custom application development on the gateway
- Out-of-box integration with Digi Device Cloud enables remote connectivity, configuration and management of XBee networks
- Secure, scalable access to an unlimited number of remote XBee-based devices
- Cellular, Wi-Fi and Ethernet WAN options for flexible broadband connectivity

APPLICATION EXAMPLE



RELATED PRODUCTS





Adapters





Sensors



Range Extenders

Development Kits

Modules

PRIVATE LABELING
YOUR BRAND, YOUR FIRMWARE AND CONFIGURATION
 Digi knows that a gateway is only one part of our customers' complex market offering. We are therefore pleased to offer a simple private branding process as a value-add to the XBee Gateway product family. For a fixed initial charge and a minimum order commitment, Digi customers get a custom part number with their brand, fixed (or "frozen") firmware, and custom default configuration. ENEFITS Place your brand on the enclosure Pre-load your specific firmware and configuration All for a fixed price
3" 4" (3" XBee [®] Gateway ZigBee) FRONT

XBEE® ZIGBEE GATEWAY CONNECTPORT X2E® CELLULAR

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PROTOCOLSOUPPTCP, PACPLEDSPower, Network (LAN, WAR), (LAN, WAR), (APA, WPE), (ARA, WPA, MPA, ARA, WPA, MPA, MPA, MPA, MPA, MPA, MPA, MPA, M	GENERAL			
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wi-Fi802.11/g/n//ADaTA RATE//p to 72.2 Mbps//ADaTA RATE//B dbm typical (varies by mode, channel and region)//ATRANSMIT POWER//B dbm typical (varies by mode, channel and region)//ARECEIVER SENSITIVITY//D to -87 dBm @ 11 Mbps//AMODES//A P Client Modes only; Access Point Mode not supported//AFUERNET//Y//YPORTS//A 12.5 Mbps//APOVER REQUREMENTS//A//APOWER SUPPLY//Y//YPOWER SUPPLY//Y//YPOWER CONSUMPTION//Y//YPOWER CONSUMPTION//Y//Y <t< td=""><td>CDMA BANDS</td><td>N/A</td><td>800/1900 MHz 1x RTT</td></t<>	CDMA BANDS	N/A	800/1900 MHz 1x RTT	
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ENVIRONMENTAL OPERATING TEMPERATURE 0° C to 40° C (32° F to 104° F)	POWER SUPPLY	5 VDC power supply with barrel connector included		
OPERATING TEMPERATURE 0° C to 40° C (32° F to 104° F)	POWER CONSUMPTION	Typical: 1.2 W, Max: 2.5 W	Typical: 3.5 W, Max: 15 W	
	ENVIRONMENTAL			
RELATIVE HUMIDITY 5% to 95% (non-condensing)	OPERATING TEMPERATURE	0° C to 40° C (32° F to 104° F)		
	RELATIVE HUMIDITY	5% to 95% (non-condensing)		
REGULATORY APPROVALS	REGULATORY APPROVALS			
MOBILE CERTIFICATIONS (GSM) N/A AT&T	MOBILE CERTIFICATIONS (GSM)	N/A	AT&T	
MOBILE CERTIFICATIONS (CDMA) N/A Verizon and Sprint	MOBILE CERTIFICATIONS (CDMA)	N/A	Verizon and Sprint	
SAFETY UL 60950-1, CSA C22.2 and EN 60950-1	SAFETY			
EMISSIONS/IMMUNITY/TRANSMITTER CE, FCC Part 15 (Class B), IC, ETSI				

PART NUMBERS	DESCRIPTION
XKA2C-Z7T-U	XBee ZigBee Cloud Kit
XKA2C-Z7T-W	XBee ZigBee Cloud Kit (International)
X2E-Z3C-E1-A	XBee Gateway - ZigBee to Ethernet
X2E-Z3C-E1-W	XBee Gateway - ZigBee to Ethernet (International)
X2E-Z3C-W1-A	XBee Gateway - ZigBee to Ethernet/Wi-Fi
X2E-Z3C-W1-W	XBee Gateway - ZigBee to Ethernet/Wi-Fi (International)
X2E-Z4C-D2-A	XBee Gateway - ZigBee to Verizon 3G
X2E-Z4C-H1-A	XBee Gateway - ZigBee to GSM 3G (AT&T)
X2E-Z3C-H2-W	XBee Gateway - ZigBee to GSM 3G (International)
X2E-Z4C-D1-A	XBee Gateway - ZigBee to Sprint 3G

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