

ZIGBEE® NETWORK RANGE EXTENDER



## DIGI XBEE-PRO® ZIGBEE WALL ROUTER

The Digi XBee-PRO ZigBee wall router is an easy-to-deploy, plug-in extender/router that expands the reach of ZigBee networks

Digi's XBee-PRO ZigBee wall router is a network extender used to create or expand a wireless ZigBee network, allowing seamless communication between ZigBee enabled devices. The wall router plugs into a standard power outlet for quick and easy deployment. Once deployed, the unit acts as a routing node, providing users with expanded network range and adding redundancy to a mesh network.

The wall router is built upon the extended-range Digi XBee-PRO ZigBee module, giving users full interoperability with other Digi XBee® ZigBee based devices. Additionally, the Digi XBee ZigBee family of products utilizes the ZigBee PRO

Feature Set (ZPFS), enabling network interoperability with ZPFS products from other vendors.

Part of Digi's unsurpassed offering of Drop-in Networking products, the Digi XBee-PRO ZigBee wall router provides seamless communication between devices, including embedded modules, device adapters and gateways. Digi XBee ZigBee modules deliver wireless connectivity to end-point devices in ZigBee networks. Digi XBee device adapters provide wireless connectivity to electronic devices in wired networks. ConnectPort® X gateways enable users to access and configure remote Digi XBee devices in a network.

APPLICATION EXAMPLE

#### **BENEFITS**

- Extends the range and strength of a ZigBee network
- Creates additional network pathways for more reliable mesh networking
- Plugs into a standard power outlet for easy deployment
- Small form factor for unobtrusive deployment
- Integrated light and temperature sensors
- Secure mounting tab prevents accidental unplugging and theft (North American unit only)

# CENTRAL FACILITIES MANAGEMENT ZIGBEE WIRELESS MESH NETWORK Wireless/Telco/VPN CONNECTPORT® X GATEWAY DIGI XBEE-PRO® ZIGBEE WALL ROUTER

#### RELATED PRODUCTS







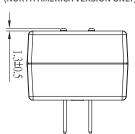




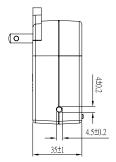
Developmer Kits

PREPARAMANCE  RE DATA RATE  290 Kbps  INDOOR/URBAN RANGE*  Up to 300 k (90 m) / 200 fk (60m) Inti variants  OUTDOOR/IRF LINE-OF-SIGHT RANGE*  Up to 1 mile (1.6 km) / 2500 fk (50m) Inti variants  TRANSMIT POWER  S0 mW (+17 dBm/ 10 mW (+10 dBm) Inti variants  RECEIVER SENSITIVITY (196 PER)  -102 dBm  FEATURES  INTERFACES  Network interoperable with 7 ighee PRO Feature Set devices  FREQUENCY BAND  2.4 CHz (SM)  Power: Solid when external power is supplied Associated: to finish when unit is commected and associated to an RF Network  PUSH BUTTON  Device reset, configuration reset to factory defaults, identification/commissioning mode  ANTENNA OPTIONS  Internal  LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  Range of spectral bandwidth: 380 to 970 mm (similar to human eye); Wevelength of peak sensitivity: 570 mm.  GENERAL  DIMENSIONS (LX W X H)  2.57 in x 1.37 in x 1.37 in x 1.37 in x 1.37 in (7.30 cm x 3.00 cm)  WEIGHT  2.50 cc (70.87 g)  POWER INPUT  Universal AC input (85WAC to 265WC)  ENVIRONMENT (TEMPERATURE/LUX)  0°C to 70°C (32°F to 188°F; sub 1200 luo)  RELATE HUMIDITY  5% to 55% (non condensing)  REQUIATORY APPROVALS  FECC (USA)  Yes  (C (USA)  Yes  Yes, int't variant  TEMPERATURE  FEC (JAPAN)	SPECIFICATIONS	Digi XBee-PRO® ZigBee Wall Router	
REDATA RATE  250 kbps  INDOOR/URBAN RANGE*  Up to 300 ft (50 m) / 200 ft (50 m) Intit variants  OUTDOOR/RF LINE-OF-SIGHT RANGE*  Up to 1 mile (1.6 km) / 2500 ft (750 m) Intit variants  TRANSMIT POWER  50 mW (+11 dBm) / 10 mW (+10 dBm) intit variants  RECEIVER SENSITIVITY (1% PER)  -102 dBm  FEATURES  INTERFACES  Network interoperable with ZigBee PRO Feature Set devices  FREQUENCY BAND  2.4 GHz (15M)  Association when external power is supplied  Association binks when unit is connected and associated to an RF Network  PUSH BUTTON  Device reset, configuration reset to factory defaults, identification/commissioning mode  Internal  LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  Range of Spectral bandwidth: 380 to 970 mm (similar to human eye); Wavelength of peak sensitivity: 570 mm  GENERAL  DIMENSIONS (I.X W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  POWER INPUT  ENVIRONMENT (TEMPERATURE/LUX)  O' C. to 70° C (3.2° Ft to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  REQUILITOR (SANA)  Yes  CE/ETSI (EUROPE)  Ves, Intit variant  Ves testifications  Ve		- 18. 11 1. 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18	
NDDOR/URBAN RANGE*  OUTDOOR/RE LINE-OF-SIGHT RANGE*  Up to 1 mile (1.6 km/) 2500 ft (90 m) / 200 ft (90 m) int'l variants  TRANSMIT POWER  50 mW (+17 dBm) / 10 mW (+10 dBm) int'l variants  RECEIVER SENSITIVITY (1% PER)  102 dBm  FEATURES  INTERFACES  Network interoperable with ZigBee PRO Feature Set devices  FREQUENCY BAND  2.4 GHz (ISM)  LEDS  Power: Solid when external power is supplied Associate: Blinks when unit is connected and associated to an RF Network  PUSH BUTTON  Device reset, configuration reset to factory defaults, identification/commissioning mode  Internal  LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  FREQUENCY BAND  Ranges: 0° C to 70° C (32° Ft to 158° F) Accuracy; +/- 2° C  AMBIENT LIGHT SENSOR  Ranges of spectral bandwidth: 380 to 970 m (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (LX W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (585VAC to 255VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (22° Ft to 158° F; sub 1220 lux)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  REQUIATORY APPROVALS  FCC (USA)  Yes  Ucc(CANADA)  Yes  Ver, Int'I variant  Ver		250 Khns	
OUTDOOR/RF LINE-OF-SIGHT RANGE*  Up to 1 mile (1.6 km) / 2500 k (750 m) Int't variants  FRANSMIT POWER  50 mW (+17 dBm) / 10 mW (+10 dBm) Int't variants  RECEIVER SENSITIVITY (196 PER)  -102 dBm  FEATURES  INTERFACES  Network interoperable with ZigBee PRO Feature Set devices  FREQUENCY BAND  2.4 GHz (5M)  LEDS  Power: Solid when external power is supplied Associate; Blinks when unit is connected and associated to an RF Network  PUSH BUTTON  Device reset, configuration reset to factory defaults, identification/commissioning mode  Internal  LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  TEMPERATURE SENSOR  Range of Spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (LX WX H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC Input (85WAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  O" C to 70" C (32" F to 158" F; sub 1200 lux)  RELATIVE HUMIDITY  876 to 95% (non-condensing)  REQUIATORY APPROVALS  FCC (USA)  Yes  LC(EANADA)  Yes  LC(EANADA)  Yes  LCE/ETSI (EUROPE)  Yes, Int'l variant  CLOKERS  POWER INDITES  VER LETT VARIABLE  VE			
TRANSMIT POWER  SO NW (+17 dBm) / 10 mW (+10 dBm) Int't variants  PECEIVER SENSITIVITY (1% PER)  -102 dBm  FEATURES  INTERFACES  Network interoperable with ZigBee PRO Feature Set devices  FREQUENCY BAND  2.4 GHz (15M)  LEDS  Power: Solid when external power is supplied Associate: Blinks when unit is connected and associated to an RF Network  PUSH BUTTON  Device reset, configuration reset to factory defaults, identification/commissioning mode  ANTENNA OPTIONS  Internal  LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR  Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (LX WX H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE(LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  REQULATORY APPROVALS  FCC (USA)  Yes  LC (CANADA)  Yes  LC (CANADA)  Yes  LC (ERFSI (EUROPE)  Yes, Int'l variant  Verification  Verificatio	•		
FEATURES  INTERRACES  Network interoperable with ZigBee PRO Feature Set devices  FREQUENCY BAND  2.4 GHz (ISM)  LEDS  Power: Solid when external power is supplied Associate: Blinks when unit is connected and associated to an RF Network  PUSH BUTTON  Device reset, configuration reset to factory defaults, identification/commissioning mode  ANTENNA OPTIONS  Internal  LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/-2° C  AMBIENT LIGHT SENSOR  Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (LX W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 or (70.87 g)  POWER INPUT  Universal AC input (85VAC to 255VAC)  ENVIRONMENT (TEMPERATURE/LUX)  of C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  REQUIATORY APPROVALS  FCC (USA)  Yes  CE/ETSI (EUROPE)  Ves, Intit variant  Ves Leaflustings	•		
INTERFACES Network interoperable with ZigBee PRO Feature Set devices  FREQUENCY BAND 2.4 GHz (ISM)  LEDS Power: Solid when external power is supplied Associate: Blinks when unit is connected and associated to an RF Network  PUSH BUTTON Device reset, configuration reset to factory defaults, identification/commissioning mode  ANTENNA OPTIONS Internal  LOCKING MECHANISM Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  TEMPERATURE SENSOR Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (LXWXH) 2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT 2.50 oz (70.87 g)  POWER INPUT Universal AC input (35VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX) 0° C to 70° C (32° F to 158° F, sub 1200 lux)  RELATIVE HUMIDITY 5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA) Yes  CC/ETSI (EUROPE) Yes, Intl variant  Ves Lettl variant			
INTERFACES  Network interoperable with ZigBee PRO Feature Set devices  FREQUENCY BAND  2.4 GHz (ISM)  LEDS  Power: Solid when external power is supplied Associated to an RF Network  Associate: Blinks when unit is connected and associated to an RF Network  PUSH BUTTON  Device reset, configuration reset to factory defaults, identification/commissioning mode  ANTENNA OPTIONS  Internal  LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  TEMPERATURE SENSOR  ARange: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR  POWER INPUT  DIMENSIONS (L X W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal Ac input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  3% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  CC/ETSI (EUROPE)  Yes, Int'L variant  Ver Int'Lurianter	·	-102 dBM	
LEDS 2.4 GHz (ISM)  LEDS 2.4 GHz (ISM)  Power: Solid when external power is supplied Associated to an RF Network  PUSH BUTTON Device reset, configuration reset to factory defaults, identification/commissioning mode  ANTENNA OPTIONS Internal  LOCKING MECHANISM Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/-2° C  AMBIENT LIGHT SENSOR Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (L X W X H) 2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT 2.50 oz (70.87 g)  POWER INPUT Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX) 0° C to 70° C (32° F to 158° F, sub 1200 lux)  RELATIVE HUMIDITY 5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA) Yes  LC (CANADA) Yes  LC (CANADA) Yes  LOTICK (AUSTRALIA) Yes  LOTICK (AUSTRALIA) Yes  LOTICK (AUSTRALIA) Yes  LOTICK (AUSTRALIA) Yes  LOTIC (LOTIC AUSTRALIA) Yes  LOTIC (LOTIC AUSTRALIA) Yes  LOTIC (LOTIC AUSTRALIA)			
Power: Solid when external power is supplied Associate: Blinks when unit is connected and associated to an RF Network  PUSH BUTTON  Device reset, configuration reset to factory defaults, identification/commissioning mode  ANTENNA OPTIONS  Internal  LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR  Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (L X W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F, sub 1200 lux)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  IC (CANADA)  Yes  CE/ETSI (EUROPE)  Ves, Int'l variant  Ver let'l variant  Ver let'l variant	INTERFACES		
Associate: Blinks when unit is connected and associated to an RF Network  PUSH BUTTON  Device reset, configuration reset to factory defaults, identification/commissioning mode  ANTENNA OPTIONS  Internal  LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR  Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (L X W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  \$% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  IC (CANADA)  Yes  Universal AC input (asing the substitution of the substit	FREQUENCY BAND	2.4 GHz (ISM)	
ANTENNA OPTIONS  LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR  Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (L X W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  \$5% to 95% (non-condensing)  FCC (USA)  Yes  LC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  Ves	LEDS		
LOCKING MECHANISM  Unit secures to power outlet using center outlet screw (U.S. only)  INTEGRATED TEMPERATURE & LIGHT SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR  Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (L X W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  LC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  Yes	PUSH BUTTON	Device reset, configuration reset to factory defaults, identification/commissioning mode	
INTEGRATED TEMPERATURE & LIGHT SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR  Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (L X W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F) accuracy: +/- 2° C  WE GELATIVE HUMIDITY  5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  Ves  Ves  Ves Lattivariant	ANTENNA OPTIONS	Internal	
TEMPERATURE SENSOR  Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C  AMBIENT LIGHT SENSOR  Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (L X W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  \$5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  IC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  Ves Let'lustioned	LOCKING MECHANISM	Unit secures to power outlet using center outlet screw (U.S. only)	
AMBIENT LIGHT SENSOR  Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm  GENERAL  DIMENSIONS (L X W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  CC (USA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  C-TICK (AUSTRALIA)  Yes	INTEGRATED TEMPERATURE & LIGHT SENSOR		
DIMENSIONS (L X W X H)   2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)	TEMPERATURE SENSOR	Range: 0° C to 70° C (32° F to 158° F) Accuracy: +/- 2° C	
DIMENSIONS (L X W X H)  2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)  WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  IC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  Yes	AMBIENT LIGHT SENSOR	Range of spectral bandwidth: 360 to 970 nm (similar to human eye); Wavelength of peak sensitivity: 570 nm	
WEIGHT  2.50 oz (70.87 g)  POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  IC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  C-TICK (AUSTRALIA)  Yes	GENERAL		
POWER INPUT  Universal AC input (85VAC to 265VAC)  ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  REGULATORY APPROVALS  FCC (USA)  Yes  IC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  Ves Int'l variant  Ves Int'l variant  Ves Int'l variant  Ves Int'l variant	DIMENSIONS (L X W X H)	2.87 in x 1.97 in x 1.37 in (7.30 cm x 5.00 cm x 3.50 cm)	
ENVIRONMENT (TEMPERATURE/LUX)  0° C to 70° C (32° F to 158° F; sub 1200 lux)  RELATIVE HUMIDITY  5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  IC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  C-TICK (AUSTRALIA)  Yes	WEIGHT	2.50 oz (70.87 g)	
RELATIVE HUMIDITY  5% to 95% (non-condensing)  REGULATORY APPROVALS  FCC (USA)  Yes  IC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye	POWER INPUT	Universal AC input (85VAC to 265VAC)	
REGULATORY APPROVALS  FCC (USA)  Yes  IC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  C-TICK (AUSTRALIA)  Yes	ENVIRONMENT (TEMPERATURE/LUX)	0° C to 70° C (32° F to 158° F; sub 1200 lux)	
FCC (USA)  Yes  IC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  C-TICK (AUSTRALIA)  Yes	RELATIVE HUMIDITY	5% to 95% (non-condensing)	
IC (CANADA)  Yes  CE/ETSI (EUROPE)  Yes, Int'l variant  Yes  Yes  Yos Int'l variant	REGULATORY APPROVALS		
CE/ETSI (EUROPE) Yes, Int'l variant  C-TICK (AUSTRALIA) Yes  Yes Int'l variant	FCC (USA)	Yes	
C-TICK (AUSTRALIA)  Yes  Yes  You Intil variant	IC (CANADA)	Yes	
Voc Intil variant	CE/ETSI (EUROPE)	Yes, Int'l variant	
TELEC (JAPAN)  Yes, Int'l variant	C-TICK (AUSTRALIA)	Yes	
	TELEC (JAPAN)	Yes, Int'l variant	

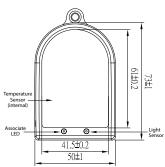
#### DIGI XBEE-PRO WALL ROUTER - TOP (NORTH AMERICA VERSION ONLY)







#### DIGI XBEE-PRO WALL ROUTER - FRONT



<sup>\*</sup>Range figure estimates are based on free-air terrain with limited sources of interference. Actual range will vary based on transmitting power, orientation of transmitter and receiver, height of transmitting antenna, height of receiving antenna, weather conditions, interference sources in the area, and terrain between receiver and transmitter, including indoor and outdoor structures such as walls, trees, buildings, hills, and mountains.



PART NUMBERS	DESCRIPTION
XR-Z14-CW1P1	Digi XBee-PRO ZigBee Wall Router, US and AU Power Plug
XR-Z14-CW1P2	Digi XBee-PRO ZigBee Wall Router, EU, UK, and JPN Power Plug

### FOR MORE INFORMATION PLEASE VISIT WWW.DIGI.COM

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