

▶ P-MNETGW Prodigy™ Wireless Home Automation Gateway



Specifications

The Prodigy P-MNETGW is a 2-way gateway transceiver that provides communications for the complete line of Prodigy wireless devices with the PMC2 Prodigy Media Controller.

Wireless Communication

The P-MNETGW utilizes mesh network technology of 802.15.4, affording reliable communications and control without the need for additional wiring. Whether installed in retrofit or new construction, the P-MNETGW provides a low cost wireless solution, bringing the benefits of automated control to any budget.

Easy Setup

Setup of the P-MNETGW is simple, using dynamic discovery to acquire each RF device automatically.

Key features

- ▶ Wi-Fi friendly channel assignment for trouble-free operation
- ▶ Up to 150' range indoors
- ▶ Dynamic discovery for fast, easy setup of wireless dimmers, switches, keypads and thermostats

Connector

NET: (1) 3.5mm detachable terminal block; Cresnet slave port, connects to Cresnet control network

Wireless

RF Transceiver: 2-way RF, 2.4 GHz ISM channels 11-26 (2400 to 2483.6 MHz); Default channel 11, IEEE 802.15.4 compliant

RF Transmitting Power: 10 mW

Range (typical): 150' indoor, 250' outdoor, subject to site-specific conditions

LED Indicators

PWR: (Green) Indicates DC power supplied from network

NET: (Amber) Indicates communication with the system

RXD: (Red) Indicates data is being received from wireless network devices

TXD: (Red) Indicates data is being transmitted to wireless network devices

Controls

Acquire: (1) Recessed pushbutton with red LED; Used to configure the wireless network

Setup: (1) Recessed pushbutton with red LED; Used for touch-settable ID (TSID)

Power Requirements

Power Usage: 3 Watts (0.125 Amps @ 24 Volts DC)

Enclosure

Black metal, freestanding or surface mount

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Dimensions

(Without antenna)

Height: 1.24 in (3.15 cm)

Width: 2.47 in (6.28 cm)

Depth: 3.88 in (9.85 cm)

Weight

8.3 oz (0.24 kg)

* Only compatible Prodigy equipment is supported on the Prodigy control network.