



# Peak Demand Automation

## 900 MHz Multipoint data radio

with diagnostic LEDs for easy debug!

### Wireless Cable Replacement

Pre-configured, simple and easy to use

Three times the coverage of Zigbee®

*HVAC compatible:  
24VAC or DC powered*

Connect RS-485 devices wirelessly in situations where wiring is costly or inconvenient. With up to two mile range it's often more cost effective to use a radio than a wire. The PDA Multipoint data radio uses an industry standard radio module in the 900 MHz ISM band for maximum penetration indoors and through walls. Comes completely configured for use at 19,200 baud, but can be easily re-programmed for baud rates of 1200 to 112,500 bps.

Input voltage 8 to 40 VDC or 24VAC. Works with standard 24 VAC found in all HVAC systems. Diagnostic LEDs allow for instant debug of RS-485 polarity, data presence and radio range.



~3.25"

Wattmeter and communicating thermostat not included.

**Radio Range**

**Easy to use with Modbus®, BACnet® or any other EIA-485 Protocol!**

### Features

900 MHz band for best range - 1.8 times the range (3.2 times the area) of Zigbee® radios!

Spread spectrum security and reliability

Diagnostic LEDs for both signal wire and radio performance

Perfect for range surveys

16 non-overlapping channels

Built in wire antenna

Pre-configured 19.2 kbaud

Baud rates from 1200 to 115.2 kbaud

Low power consumption

12 channels

65,000 network codes

**BACnet® MS/TP version available**



**Green LED: diagnose wires  
Amber LED: diagnose radio link**



External Wire Antenna

Wire antenna  
MS/TP version w/ external antenna