

# Point Repeater 9.9 Mesh Network Repeater 4005-13



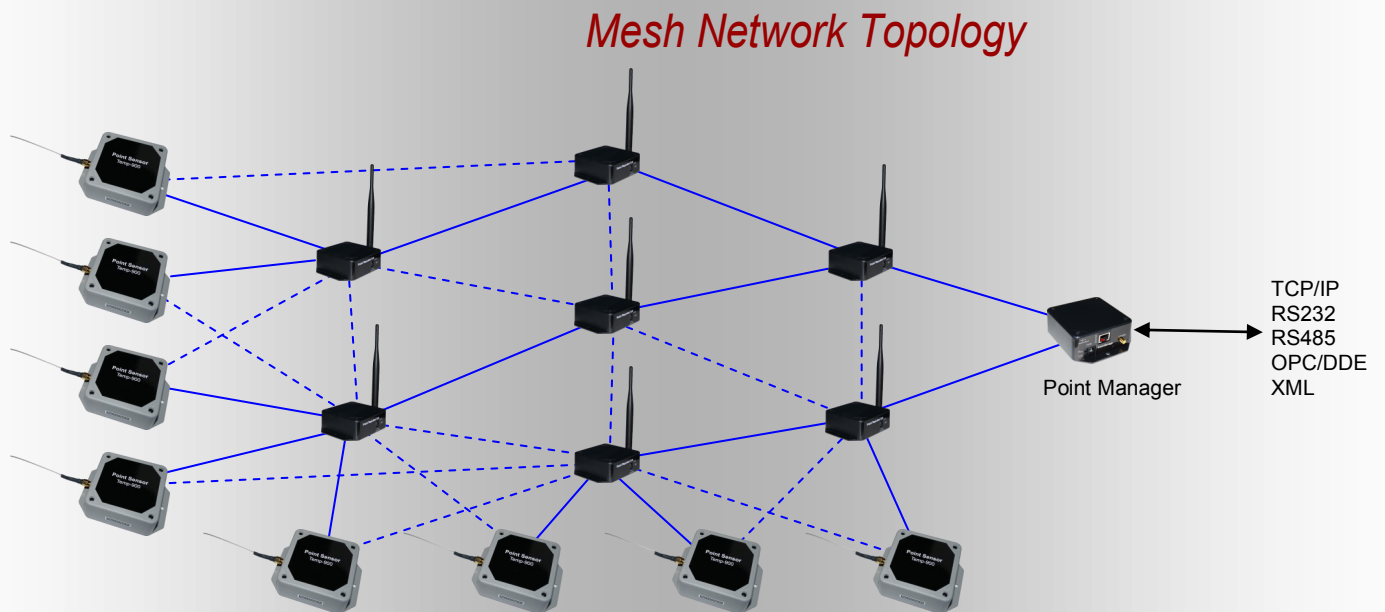
## FEATURES

- 100mw, 900 MHz SSFH Mesh Repeater
- As many as 26 layers of Mesh Network repeating
- Automatic randomization and collision avoidance
- Low profile, high gain whip antenna
- Low power, 6-24 VDC at 200 milliamp transmitting, 80 milliamp receiving
- Indoor Range: up to 1300'
- Transceiver Range Outdoor (with dipole): 7mi. (LOS)
- Supports all Point Sensors (Temperature, Humidity, Analog, Pulse, Thermistor, RTD)
- ABS enclosure
- Reverse Polarity SMA connection with external antenna
- 3.3 X 3.3 X 1.4 inch enclosure with flange mounts.

## DESCRIPTION

The Point Repeater 9.9 is a 900 MHz RF Mesh Repeater. It receives CRC-16 error-checked data packets, processes the data, and then transmits the data to other Mesh Repeaters, Servers or Receivers. As many as 26 layers of Point Repeater 9.9 repeaters can coexist in the same environment. The Point Repeater 9.9 can be configured via the 900 MHz radio interface for network specific operation.

The following example illustrates the Mesh Network Capabilities. Multiple, fault tolerant signal pathways are established to route the data to the target receiver or gateway. The solid lines represent the primary signal paths and the dotted lines represent the alternate paths.



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