WBT900
Wireless BACnet® MSTP Transceiver

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The WBT900 allows you to install a close or long range point-to-multipoint wireless BACnet MSTP network at a fraction of the cost of installation labor, conduit and cable.

The WBT900 features an easy to use, plug-and-play configuration, requiring no special programming tools or network management software.

Offering advanced security measures including 128 bit AES encryption and FIPS 197, makes the WBT900 the solution for any facility.

WBT900 SPECIFICATIONS	
Frequency	902-928 MHz (Direct Sequence Spread Spectrum - DSSS)
RF Transmission Rate	1.536 Mb/s
Data Throughput	935 Kb/s
Output Power	+21 dBm (4 Watts EIRP when used with 15 dBi antenna)
Receive Sensitivity	-97 dBm at 10e-4 BER (-112 dBm with 15 dBi antenna)
Radio Link Budget	148 dB with 15 dBi antenna
Range	40 Miles LOS with 15 dBi antenna
Radio Channels	12 non-overlapping
Connector Types	RPSMA, 2/3 Pin Plug Connector, USB-B
Power Consumption	Transmit: 2.4 W, Receive: 1.7 W (100ma @ 24VAC/DC)
Voltage	12-24 VAC/DC (isolated power supply required)
Temperature Range	-20° C to 70° C (-4° F to 158° F)
Dimensions	4.3" x 3.35" x 1.75" (109mm x 85 mm x 44.5mm)
Weight	Approximately .6 lbs
Certifications	FCC: R4N-AW900M IC: 5303A-AW900M
Communication Protocol	BACnet® MSTP