

Frequency	902 to 928 MHz
Country Used In	US, Canada
Transmission Distance	<ul style="list-style-type: none"> › <i>-Note- Transmission distance assumes line-of-sight and appropriate antenna. Line-of-sight obstructions, RF interference, and antenna type will affect transmission distance.</i> › Up to 1 mi with omnidirectional antenna; up to 10 mi with higher gain directional antennas at ideal conditions
Power Output	5 to 250 mW (software-selectable)
Receiver Sensitivity	-101 dBm
Channel Capacity	Eight 25-channel hop sequences sharing 64 available channels
Data Rate	200 kbps
Link Throughput	105 kbps (maximum)
Antenna Connector	Reverse Polarity SMA (RPSMA) jack
LEDs	Red TX/PWR and green RX
RS-232 Baud Rate	1200 to 115200 bps
CS I/O Modes	SDC 7, 8, 10, 11, and ME master
Operating Temperature Range	-40° to +70°C
Power	9 to 16 Vdc
Power Connector	2.5 mm DC power jack
Powered Over	CS I/O or barrel plug
Average Current Drain	<ul style="list-style-type: none"> › Transmit: < 80 mA (250 mW TX Power) › Receive: 15 mA › Stand-by: < 0.5 mA (depending on power-saving mode)

Communication Ports	<ul style="list-style-type: none">› RS-232 9-pin D female› CS I/O 9-pin D male› USB Type B jack
Maximum Nodes in Network	50
Service Requirements	Shares frequency with other devices. Must not cause harmful interference to licensed radios. Requires line-of-sight.
Dimensions	11.1 x 6.9 x 2.7 cm (4.4 x 2.7 x 1.1 in.) Dimension are from the tip of the antenna connector to the other side of the case, and from the bottom of the case to the top of the DB9 connector jack screw. The width includes the thickness of the screw heads on the screws that hold the case together.
Weight	<ul style="list-style-type: none">› 136 g (4.8 oz) without "Ships With" items› 283.5 g (10 oz) with "Ships With" items
Certifications	
United States (FCC Part 15.247)	MCQ-XB900HP
Industry Canada (IC)	1846A-XB900HP
Mexico IFT	RCPDIXB15-0672-A1
