

Bridgeport Radio Fieldbus



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Features

- 2.4 GHz, spread spectrum, frequency hopping
- Highly resistant to noise, interference & jamming
- Encrypted data scrambling, up to 63 radios per network
- Beam and Omni-directional antennas
- Ranges from 3000 feet to several miles
- Radio base station, remote station or repeater
- User friendly Windows based setup (software included)
- Electronically converts protocols to bridge between and across Ethernet, Profibus, Devicenet and Modbus platforms
- Serves as buss master or slave

Order #	Description
1000-BP/RF	Modbus RF Module
1000-BP/E/D/RF	DeviceNet-Ethernet RF Module
1000-BP/E/D/RF	DeviceNet-Ethernet RF Module
1000-BP/E/P/RF	Profibus-Ethernet RF Module
RM3-2400	Omni-directional antenna
SCR14-2400	14 DB Corner reflector ant
SCR9-2400	9 DB Corner reflector ant
RF-195	Nmale to Rev SMA cable
PC2415N	Yagi Beam Antenna

Specifications

RF Specifications

Cirronet WIT2410 2.4 GHz Spread spectrum Wireless Industrial Transceiver:

FCC Certification	Part 15.247, no license required brETSI
ETSI (European) Certification	300.328, no license required + 18 dBm
Rated RF Power	(+20 dBm effective radiated)
Line-of-site Range	Approximately 0.6 miles
Frequency Range	2401 MHz to 2495 MHz
Number of Channels	75 US
	25 Canada, France, Spain & Japan
Receiver Sensitivity	-93 dBm
Channel Data Rate	460 Kbps
IF Adjacent Channel Rejection	>55 dB

Mechanical Specifications

Dimensions	99.7 x 75 x 110 mm
LED Indicators	
Carrier Detect	Yellow
Radio Activity	Tri-color Green/Red/Amber
Serial Activity	Tri-color Green/Red/Amber
Status	Green
Power	Green
Activity	Green
Link	Green
10/100	Green
Profibus Status	Green
Profibus Error	Red
Switches	4-Position DIP Switch
Ethernet Connector	UTP (10 Base-T/100 Base-TX) RJ-45
Profibus Connector	DB9F
Serial Connector	
Socket	Entrelec - L253 109 11 000
Mating plug	Entrelec - L243 209 01 000