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# PRODUCT INFORMATION BULLETIN

## AIR-EAGLE® MODEM Wireless Modem MODEL 42-6000

### DESCRIPTION

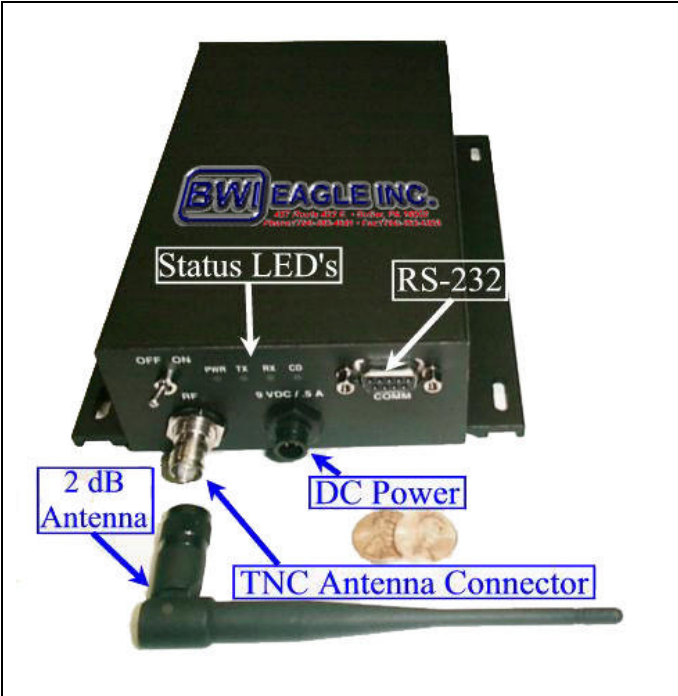
The AIR-EAGLE 2.4GHZ WIRELESS MODEM allows two computers to communicate wirelessly via an RS-232 link. With dual systems, a remote terminal can transfer data to a main computer without the limitations and expense of a long cable run. The 42-6000 features a rugged enclosure for indoor industrial applications. It includes a standard DB-9 connector for I/O and all data and flow control lines are RS-232 signals. Power is supplied via a separate 2-pin connector. LED's provide a visual status of DC power and control signals.

### INSTALLATION

Connect the supplied 2dB antenna to the RF connector on the modem. (This antenna will allow reliable communications within 1500 feet indoors and through walls.) Connect the supplied AC to DC adapter to the DC input connector on the modem. Install a dB9 cable from your terminal/computer to the RS-232 connector on the modem. Repeat the above procedure for the 2<sup>nd</sup> modem.

### SPECIFICATIONS

Frequency	2401 - 2483 MHz
Licensing	FCC Part 15 Approved ETSI 300.328 Approved
Line of Sight Range	Greater than 4 miles with a 9 dB omni antenna
DC Input	6 - 12 VDC @ 750 mA
Housing Dimensions	7.8"L x 5/7"W x 2"H



### CONTROLS AND INDICATORS

Power LED	Indicates DC power has been applied to the unit
TX LED	Indicates data is being sent from this modem
RX LED	Indicates data is being received by this modem
CD LED	Indicates the RS-232 date line is properly configured with the terminal or computer system

### ORDERING INFORMATION

Modem	42-6000
FM Antenna for Long Range Operation	99-HDW-0151