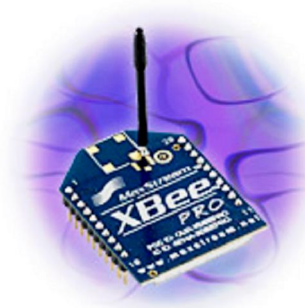




XBee-PRO™ Series 1 OEM RF Module



The XBee-PRO OEM RF module is a IEEE 802.15.4 compliant solution that satisfies the unique needs of low-cost, low-power wireless sensor networks. The module is easy-to-use, requires minimal power and provides reliable delivery of critical data between devices. Innovations stamped in the XBee-PRO design enable it to yield two- to three-times the range of standard ZigBee modules.

The XBee-PRO Series 1 module operates within the ISM 2.4 GHz frequency band and is pin-for-pin compatible with Digi's regular XBee (1 mW) Series 1 module. The modules are optimized for use in US, Canada, Australia, Israel and Europe.

No configuration is necessary for out-of-box RF communications. The module's default configuration supports a wide range of data system applications. Advanced configurations can be implemented using simple AT commands.

The XBee code development package is now available for OEMs wanting to develop their own custom code to work with Digi 802.15.4 RF modules.

Product summary:

- ISM 2.4 GHz operating frequency
- 60 mW (18 dBm), 100 mW EIRP power output (up to 1 mile range)
- U.FL RF Connector, RPSMA, Chip or Integrated Whip antenna options
- Industrial temperature rating (-40° C to 85° C)
- Approved for use in the United States, Canada, Australia and Europe
- Advanced networking & low-power modes supported



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