

Quick Start Guide

RMZ-232-XBPSX RF MODEM

1. Contents (complete kit only)

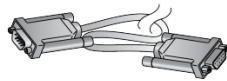
RMZ-232 RF Modem



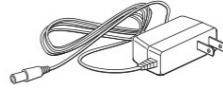
Mini USB cable



DB9 cable



Power supply



SMA Antenna



Phoenix 2 pin power connector



3. Getting Started

The RMZ-232-XBPSX RF Modem uses the Digi XBee-PRO SX module internally. Configuration of this modem can be accomplished either programmatically or by using the Digi XCTU Configuration Platform.

Download XCTU Configuration Platform here:

<https://www.digi.com/products/embedded-systems/digi-xbee/digi-xbee-tools/xctu>

XCTU User Guide here:

<https://www.digi.com/resources/documentation/digido cs/PDFs/90001458-13.pdf>

The user manual for the XBee-PRO SX advanced RF module can be downloaded from:

<https://www.digi.com/resources/documentation/digido cs/pdfs/90001477.pdf>

Technical support for the **RMZ-232-XBPSX** is available by contacting **Embedded Communications Systems** directly:

Email: support@embeddedcomms.com

Web: www.embeddedcomms.com

Phone: +61-3-6331-6843

2. Symbols on the RMZ RF Modem



RSSI LEDs

ASSOC

Indicator LEDs

RXD

Red – Association

TXD

Green – Receive from Host

Yellow – Transmit from Host

CMSSN

Commissioning button

RESET

Modem hard reset button



USB Port

7-28VDC

Power supply connector



RS232 Serial port



Antenna port

4. Quick Start with XCTU

XCTU Configuration and Test Utility is a multi-platform program that enables users to interact with RMZ-232-XBPSX RF Modem through a graphical interface. The application includes built-in tools that make it easy to set up, configure, and test RMZ-232-XBPSX RF Modems.

Once you have downloaded and installed XCTU, click the XCTU icon to open the program. Click Discover devices and follow the instructions. XCTU should discover the connected RMZ-232-XBPSX /XBeePRO SX RF Modules using the provided settings.

Click Add selected devices. The devices appear in the Radio Modules list. You can click a module to view and configure its individual settings.