

RMZ-232-XBPSX-AU RF Modem. AU

The ECS RMZ-232-XBPSX RF modem easily provides a reliable serial cable replacement for many types of electronic devices. These modems utilise the XBee-PRO SX 900MHz 1 Watt RF Module in a convenient small enclosure supporting RS232 and USB connectivity with transmission ranges upward of 50km.

The ECS RMZ-232-XBPSX RF modem can wirelessly connect serial devices across many applications including industrial automation/SCADA, security, sensor monitoring/control/data capture in embedded systems and fleet management & asset tracking.

The ECS RMZ-232-XBPSX RF Modem takes advantage of the DigiMesh® networking protocol, featuring dense network operation using mesh technology.



RMZ-232-XBPSX-AU

RMZ-232-XBPSX features

- RS232 Serial and USB Interface.
- Device configuration via XCTU application
- Remote in-field module/modem configuration
- Industrial design with -40°C to 85°C temp range
- Over-the-air firmware updates via second modem
- RF Data throughput upto 200 Kbps
- Operating range of over 20 kms line of sight

Physical Properties

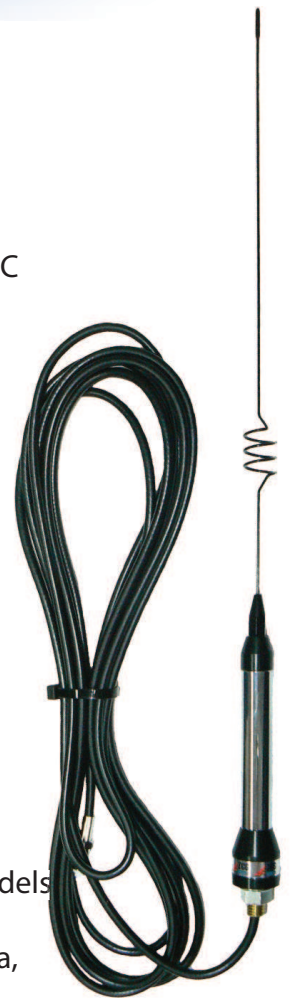
- Compact module designed for easy installation
- Rugged extruded aluminium enclosure
- Flanged end plate for easy mounting
- Plug-in screw terminal connectors
- LED status indication and group select button
- External SMA antenna connection

RF Specifications

- Frequency 915MHz to 928MHz SS freq hopping
- TX power 20dBm, 27dBm, 30dBm (1Watt)
- RX sensitivity 10Kbps: -113 dBm; 250Kbps: -103 dBm

Technical overview

- RMZ-232-XBPSX Dimensions
90mm (l) x 56 (w) x 33 (d)
- Operating Voltage: 7 to 30VDC
Indicators: Serial/Power/RSSI
- RX Current: 20mA @ 12VDC
TX Current: 300mA @ 12VDC
- Network topologies: Mesh
P-to-P, P-to-MP, Peer-to-peer
- Interface: RS232 female DB9
Data rate: 1200-921600 baud
- USB mini-B for configuration
Free XCTU setup software
- Approval: C-TICK (AU)
NZ/US/Canada approved models
- Accessories: 900MHz Antenna,
Antenna Mounting bracket,
Lightning Arrestors. Plug pack.



ANT-900D-GIS

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