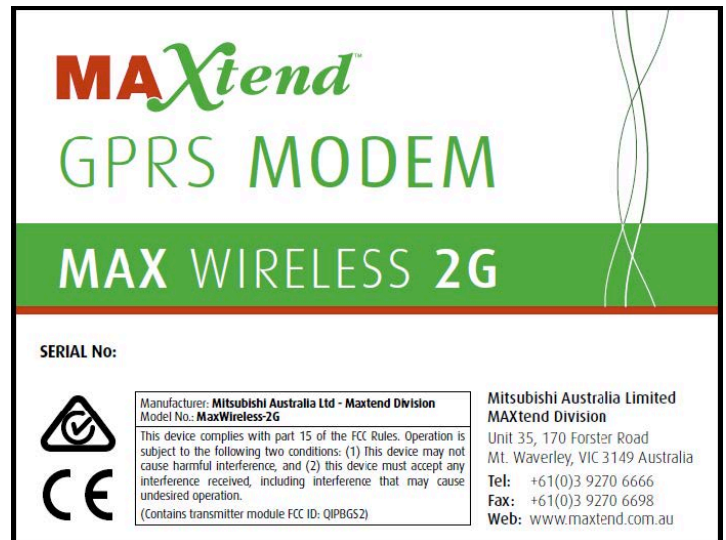


MAXtend GPRS Modem

System Specifications

The MAXtend® wireless modem is designed to be installed in a shipping container and transmit data via GPRS communications. The data is supplied by a Data Logging Controller mounted elsewhere. The modem is battery powered and is connected to the Data Logging Controller by means of an interface cable, RS-232. Main functionality is infrequently transmitting data transparently toward remote server through GPRS and TCP/IP protocol. In the meanwhile, the modem receives and keeps data sent by Data Logging Controller.



Technical Specifications

- **Modem No.:** MaxWireless-2G
- **Operating Temperature:** -40°C to +85°C
- **Communication to auxiliary device:** RS232 cable (up to 3 metres)
- **Battery Type:**
 - 3.6V lithium battery (AA size) included; user replaceable
 - Two 1.5V D-cell batteries included; non-replaceable
- **Battery Life:** 100 days - minimum (continuous use)
- **Dimension:** 220.79mm x 120.79mm x 62.00mm
- **Weight:** 500 grams
- **Wireless modem specification**
 - 2G Quad-band: GSM 850/900/1800/1900 MHz (transmitter module FCC ID:QIPBGS2)
 - GPRS Class 10/8 supported (Default class setting: 8)
- **Antenna:** Penta-band embedded type antenna / 200mm, U.FL connector type
- **Certification:** EMC/EMI and Safety Compliance
 - FCC Part 15 Subpart B
 - EN 301 489-1, EN 55022(Class B), EN 6100-4-2, EN6100-4-3, EN60905-1
 - AS/NZS 60905.1
- **Data-logging Capacity:** 4Mega-bit Flash memory included(same as 0.5MBytes)
 - If using 256 bytes/an hour, this modem could keep the data in an internal memory up to 85 days without transmitting data

