



PC/104 *Plus* CDMA Modem

PC/104 *Plus* GPS Module

PC/104 *Plus* Combo CDMA/GPS Module

Combination PC/104 *Plus* 1xRTT Modem/GPS Receiver



- Up to 144Kbps Throughput
- CDMA 1xRTT 2.5G(3G) Compliant
- Integrated GPS Receiver (NMEA-0183)
- Single PC/104 *Plus* Card Solution
- Serial and Ethernet Interfaces
- Optional Dual Purpose CDMA/GPS Antenna
- Approved for Verizon Nationwide Network
- Wireless Priority Service (WPS)
- Operates on 5V or 3.3V DC
- Optional AES Security

The Western DataCom CDMA/GPS module is a PC/104 *Plus* card that can optionally support either CDMA, GPS or a combination of both CDMA Modem/GPS Receiver. 1xRTT service provides a moderate bandwidth data service ideally suited to end users and as backup to Satellite and WiFi services.

Using 1xRTT technology, the CDMA modem provides Internet connectivity anywhere on the Verizon or Sprint (2.5)3G nationwide network. When combined with the Cisco 3200 Series Mobile Router and the Western DataCom IPE encryptor the CDMA modem provides continuous, secure mobile connectivity to the home network.

Typical CDMA Modem throughputs of 64 to 80 Kbps with burst capability to 144Kbps provide sufficient bandwidth for mobile communications. The Western DataCom CDMA modem is upgradable to the latest 3G standard, EV-DO, which is capable of sustained throughputs of 256 Kbps.

The GPS (Global Positioning System) receiver produces a highly accurate navigation solution. This positional information can be utilized for continuous asset tracking. Used in conjunction with tower GPS (A-GPS), redundancy can be achieved for asset location applications.

CDMA Modem

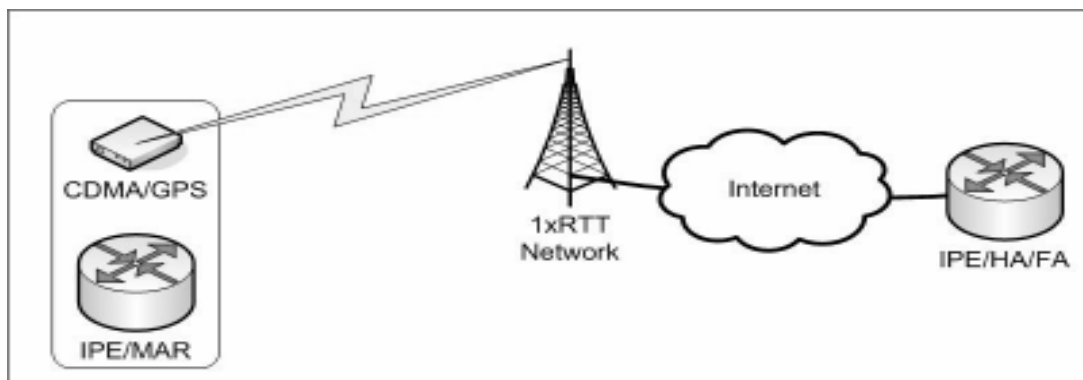


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General Specifications:

- RS-232 Interface LEDs indicate signal status
- Ethernet connectivity at 10/100BaseT
- RS-232 serial speed detection to 230,400 bps
- LED Indicators for SMS, BUSY & IDLE
- 3.55" x 3.75" PC/104 *Plus* Standard
- Standalone option available
- Optional Dual Purpose CDMA/GPS Antenna

The CDMA modem was designed to be integrated with the Western DataCom IPE family of products as well as the Cisco 3200 Series of products. It is also available as a standalone unit.

Approvals:

- FCC Registered, UL and CSA Approved
- Verizon 1xRTT 3G Wireless Network
- Additional 1xRTT approvals available

WDC Part Numbers:

- 910-CDMA (CDMA Modem Card Only)
- 910-GPS (GPS Card Only)
- 910-CDMA-GPS (Combo CDMA/GPS Card)

Western DataCom Key Partner:



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12-Month Warranty:

Refer to the user manual for details on Western DataCom's exclusive, limited warranty and extended warranties.