

Keeping you connected

IIM's Series 2200 CellRouter brings the broadband performance of CDMA EVDO to the legendary CellRouter platform. The Series 2200 reliably extends your IP network by replacing wired solutions for primary connections, and as a back up network when failures aren't an option. The IIM CellRouter is a completely self-contained industrial strength IP router based on the reliable Linux operating system and tightly coupled, always available CDMA EVDO WAN interface. CellRouter's extensive IP

Platform

- Linux 2.4 OS
- 100MIPS RISC Processor
- HTTP, FTP, and Telnet Access
- Remote (WAN) Management – Can be disabled

Router

- DHCP Server
- DHCP Client
- NAT – Can be disabled
- Port Forwarding

networking capabilities and detailed status screens are all available through an intuitive web based interface so that your application will be online within minutes after powering up. The IIM 2200 comes standard with CCSC's Pro Management and Technical support. This complete support solution is specifically designed to reduce operational costs and continually improve Quality of Service (QoS).

CDMA 1xRTT/EV-DO WAN Interface

- Packet transmission at air interface speed
- Dynamic or Static Wireless Network Addressing
- DNS - Preset or from Wireless network
- SMS – Two-Way Built In Command Set
- DDNS (BIND, Windows Server, or EW/UDP)
- OTA/IOTA Activation—Web Based
- A-GPS—Assisted GPS (network positioning)

CellRouter 2200A Rear



- Reliable Linux OS
- CDMA EVDO/1XRTT WAN Interface
- WAN—Always Available or On Demand
- Integrated 4-Port Ethernet Switch
- Relay Contact Input
- Relay Driver Output
- 2-Way SMS
- Web Based Administration Remote/Local

CellRouter 2200A Front



- VPN Pass Through
- CCSC Pro Management and Support
 - Over The Air Firmware Upgrades
 - Over The Air Status
 - Detailed Network Logging
 - Out Of Band (SMS) Control
 - Push Button Configuration
 - Built In DDNS Capabilities



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Specifications

Wireless WAN

Physical

Dual SMA Antenna (removable)

Radio Interface

CDMA 1x EV-DO (IS 856)

CDMA 1xRTT (IS2000)

Dual Band (800Mhz & 1.9Ghz)

Dual Band Receive Diversity

Two Way SMS

LAN

Physical

4-Port Ethernet—RJ45

Electrical

Auto, Full or Half Duplex

10 or 100 base T—Auto polarity sensing

Discrete I/O

Contact Closure (Input)

Self powered current limited loop—Maximum cable length 50 feet

Relay Driver (Output)

40ma @ 12VDC

Power and Environmental

Operating Temperature Range

-20C to +70C Humidity 90% non-condensing

Input Power

9—18VDC \pm 10%

Power Consumption @ 12VDC nominal

CDMA Radio Off—180ma

CDMA Radio On Data Channel Inactive 230ma

CDMA Radio On Data Channel Active (1 Ethernet Port active) 384ma

CDMA Radio On Data Channel Active (4 Ethernet Ports active) 445ma

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