



## LandCell-882™ 3G Cellular Broadband Router



Get ready for a whole new generation of wireless connectivity. This single, flexible platform addresses wireless communication needs for multiple applications with a faster time to market than many products in its class. OEM and System Integrators may tailor the LandCell-882 by loading their application on the Open Developer Platform (ODP) which allows a Linux application to run on a partition of the embedded Linux operation system.

LandCell-882 is a ready to deploy Broadband Router that delivers wireless data connectivity through public cellular networks at 3G network speeds. CDMA models leverage high-speed EV-DO Rev A technology to provide data access at speeds up to 3.1 Mbps with backward compatibility to EV-DO Rev 0 and CDMA 1x technology. GSM models leverage high-speed HSUPA technology to provide data access at speeds up to 7.2 Mbps with backward compatibility to HSDPA, UMTS, EDGE and GPRS technology.

Successfully deployed across a broad range of fixed and mobile applications, LandCell-882 provides reliable connectivity for Programmable Logic Controllers (PLC's), Remote Terminal Units (RTUs), Ethernet web cameras or any other Ethernet or serial device. LandCell-882 features an integrated DHCP server, port forwarding and port mapping capabilities, LandCell-882 can be used to establish Internet connectivity in remote locations, even to provide back-up for other broadband connections such as DSL.

### Key Features

- Multiple Interfaces - Ethernet, USB, and Serial
- Built-in DHCP Server and Port Forwarding Support
- TCP/IP Packet Assembler/Dis-Assembler for Serial Devices
- Over-The-Air (OTA) Firmware Updates
- Browser Based Configuration Management
- SNMP Management Support
- Internal PPTP VPN Server and Client
- Open Developer Platform (ODP)

High Speed

Long Range

Ruggedized

Safe/Secure

Diversity

Connectivity

# LandCell-882 Specifications

## CDMA Models & Ordering Information

### EV-DO

- 800 MHz Cellular; 1900 MHz PCS
- Downlink up to 3.1 Mbps
- Uplink up to 1.8 Mbps

### Ordering Information

#### Verizon

- 882-EVDO-VZW (modem only)
- 882-EVDO-VBD (modem + accessories)

#### Sprint

- 882-EVDO-SPN (modem only)
- 882-EVDO-SBD (modem + accessories)

#### Alltel

- 882-EVDO-ALT (modem only)
- 882-EVDO-ABD (modem + accessories)

## GSM Models & Ordering Information

### HSPA

- Quad-band 850/900/1800/1900/2100 MHz
- Downlink up to 7.2 Mbps
- Uplink up to 2.0 Mbps

### Ordering Information

- 882-HSPA-GEN (modem only)
- 882-HSPA-GBD (modem + accessories)

### EDGE

- Quad-band 850/900/1800/1900 MHz
- Downlink up to 236 kbps
- Uplink up to 236 kbps

### Ordering Information

- 882-EDGE-GEN (modem only)
- 882-EDGE-GBD (modem + accessories)

### GPRS

- Quad-band 850/900/1800/1900 MHz
- Downlink up to 115 kbps
- Uplink up to 108 kbps

### Ordering Information

- 882-GPRS-GEN (modem only)
- 882-GPRS-GBD (modem + accessories)

## All Models

### Power and I/O Connectors

- Molex 4 Pin, Dual Row Micro-Fit
- I/O: 1 Input / 1 Output (top row pins)
- Power: Ground / Power (bottom row pins)

### Input Power

- 9-28 VDC

### Serial Interface

- 9 pin sub-D (ITU-T V.24 protocol)

### Ethernet Interface

- RJ-45 10/100 Full-Duplex

### USB Interface

- Type A Receptacle (host controller)

### Antenna

- Female SMA 50 ohm

### LED Indicators

- Svc Type, Tx/Rx, DCD, RSSI

### Size

- 5.60 x 3.11 x 1.71 inches

### Weight

- 9 oz

### Temperature Range

- -30 to +60°C (operating)
- -40 to +85°C (storage)

### Operating Humidity

- 0-85% (non-condensing)

### Approvals & Certifications

- FCC
- CE
- Industry Canada
- PTCRB
- Various Carrier Approval

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