

Cell232Plus™



Wireless network connectivity for serial devices

Precidia Technologies has developed an innovative product that connects any stand-alone asynchronous RS232, RS422 or RS485 serial device to a wireless IP network.

Unlike current landline-based solutions for remote connectivity, the Cell232Plus does not require an existing infrastructure. Simply connect the serial equipment to the Cell232Plus and to a wireless digital handset or radio transceiver using a standard data cable, and you are ready to go. The data is sent over a wireless network. You now have a wireless Virtual Private Network (VPN), without changing your existing serial equipment.

Cell232Plus is the ideal product to cost effectively extend existing networks to stand-alone serial equipment, providing real-time information.

The Cell232Plus provides several benefits over traditional modem solutions:

- Delivers real-time information;
- Costs a fraction of other alternatives;
- Makes data available from anywhere in the world;
- Protects your investment in existing equipment;
- Provides Web-based monitoring and management capabilities;
- Resolves potential service issues using customizable SNMP alerts;
- Fits easily into any location due to its compact size.



Empower your **Business**
with
IP Enabling Technologies

Features

REMOTE LOCATION

Remote sensor

Serial cable

Cell232Plus

Standard Cellular Data Cable

Wireless Phone

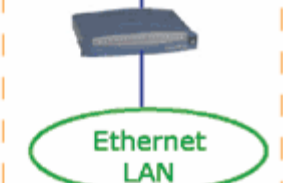


Gateway Router



HEAD OFFICE

Router



Application Server

- Transparent to existing serial connections
- Serial data conversion to IP via PPP
- Several data formatting and session mode options
- Drives PPP connection to IP network
- Compatible with TCP/IP networks for Internet or Intranet applications
- Modem emulation capability
- Built-in web page server for displaying both static and dynamic web pages
- Statistics and log files available via Web browser or Telnet session
- Routing redundancy in case of application server failure
- Auto-identity header
- Works with Com Port Redirection
- SNMP support for third party network management
- Supports hardware/software/no handshaking
- Real-time access to data for troubleshooting and diagnosing problems
- Local and remote configuration and software upgrade capability
- Local and remote password protection
- Remote logging of wireless network signal strength (currently available for iDEN cellular network)
- Visual status LEDs
- One year warranty

Specifications

Legacy serial interface:	RS232 DTE Interface or RS485 (4 wire) / RS422 - cable selectable
Legacy serial connector:	DB-9 Male
Legacy serial speed:	300-38400 bps
(PPP) serial interface:	RS-232 DTE interface
(PPP) serial connector:	DB-9 Male
(PPP) serial speed:	300-38400 bps
Status LEDs indicators:	Power, PPP serial (transmit, receive, DCD), dial-in (transmit, receive, status)
Protocols supported:	PPP (CHAP, PAP authentication methods) ,IP, UDP, TCP, ICMP
Configuration:	PPP set-up, multi-host protocol, remote logging
Network services:	Telnet, SNMPv2C, HTTP, TFTP, DHCP, Com Port Control (RFC2217), IPSec (manually keyed)
Power requirements:	9V DC external, 500mA
Operating temperature:	0-50°C / 32-125°F
Dimensions (h x w x d):	28 x 155 x 80 mm (1.1 x 6.0 x 3.1 in.)
Weight (including power supply):	500 g (17.14 oz)

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