



# iPOCKET232™



## Low Cost Ethernet Connectivity in a Compact Design

### Applications:

#### IT and Telecommunications

- Out-of-band management and I/O expansion of PBX and Router equipment
- Expansion of I/O ports on IBM AS/400

#### Manufacturing

- Connecting PLCs to a network without the need for a dedicated computer
- Access Weigh Scale data in real-time

#### Energy, Environmental and Industrial

- Monitoring pressure in natural gas Pipelines
- Monitoring fuel levels in remote gas and oil Holding Tanks

#### Building Automation and Security

- Remote Management of Access Control

Today's user wants simple and inexpensive solutions to their networking challenges. The iPocket232 is an IP Access device, connecting stand-alone asynchronous RS232 equipment to IP networks via Ethernet. Part of Precidia's family of Remote Access products, the iPocket232 offers a proven feature-rich design, along with a compact architecture. Ideal for large volume users looking for a cost competitive plug and play IP connectivity solution, the iPocket232 boasts high reliability.

Integrating seamlessly with existing systems and applications, the iPocket232 eliminates the need for costly equipment upgrades to achieve full network accessibility. The iPocket232 is the only device you need to bring RS232 equipment onto an Ethernet LAN/WAN, maximizing the existing network and equipment. Whether connecting legacy PBX systems or manufacturing equipment, the iPocket232 is the right solution for you.

Installing and configuring easily, the iPocket's compact design is smaller than a credit card, and is wall mountable, offering the greatest possible flexibility for users in almost any environment. For industrial applications, the iPocket232 can be DIN Rail mounted with an inexpensive adapter.

Precidia's iPocket232 brings network connectivity to RS232 equipment in a wide range of sectors, in more than 60 countries worldwide.

Connecting RS232 equipment to Ethernet networks using the iPocket232 offers several benefits, including:

- Access device data in real-time from any PC on the network
- Facilitates enhanced remote device management
- Extends the life of costly legacy equipment
- Simple, plug and play installation and configuration
- Reduces the need for bulky PCs and cumbersome cabling
- Offers high reliability
- Integrates seamlessly with existing systems and equipment, requiring no upgrades
- Simplifies equipment diagnostics and maintenance



## Remote Access



**iPOCKET232**

**IP Networks**

**Application/  
Maintenance  
Server**

— Serial Cable  
— Ethernet Cable

## Features

- Transparent to existing serial connections
- Single RS-232 serial port supporting up to 115200 bps
- Wall or DIN Rail Mountable (with adapter)
- Compatible with TCP/IP networks and routers for Internet or Intranet applications
- Built-in static and dynamic web pages
- Supports hardware and software control
- Multiple serial device management from a single PC over Ethernet
- Local and remote configuration and software upgrade capability
- SNMPv2c support for improved network management
- Telnet and Reverse Telnet connections
- Supports any asynchronous serial device with 7 or 8 bit data, without parity
- Local and remote password protection
- Automatic switchover to backup server on failure
- Capable of automatic connection and connection recovery
- Remote Com Port Control allows user to remotely manage the device's serial port
- User downloadable web page
- Visual status LEDs
- One year warranty

## Specifications

### iPOCKET232

- |                                    |   |
|------------------------------------|---|
| • Serial Interface:                | RS-232 DTE Interface  |
| • Serial Converter:                | DB-9 Female   |
| • Serial Speed:                    | 300-38400 bps (bursts to 115.2 kbps)  |
| • Ethernet Interface:              | Ethernet II, IEEE 802.3, 10 Base-T  |
| • Ethernet Connector:              | RJ-45   |
| • Ethernet Speed:                  | 10 Mbps   |
| • Status LEDs Indicators:          | Power, Ethernet (link, collision, ,transmit), COM (transmit, status)                    |
| • Protocol Supported:              | ARP, ICMP, IP, UDP, TCP   |
| • 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 (w x h x l):          | 44 x 24 x 84 mm (1.75 x 0.95 x 3.33 in.)  |
| • Weight (including power supply): | 285g (9.84 oz)  |



**PRECIDIA**  
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**iPOCKET232™**

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Precidia Technologies Inc. is a global leader in the design and manufacture of IP access devices for a wide range of industries, including retail payments and building automation. With customers in over 60 countries, Precidia's unique product line of wired and wireless access devices as well as chip technology seamlessly migrates stand-alone serial equipment onto more sophisticated IP networks.

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