



IP232



Connect any RS232 device by using an Internet Modem

Acquire data from stand-alone RS232 devices using Precidia's IP232. The IP232 is the ideal solution for remote access to any RS232 serial device not currently connected to a LAN or WAN. While other solutions have an Ethernet interface for connection to a LAN or WAN, the IP232 has an embedded v.34 modem, offering cost effective access to IP networks for those using dial.

Just like your dial ISP connection at home, the IP232 calls your ISP, is authenticated, and maintains that connection. Once the connection is established, the IP232 receives serial data from its RS232 interface, converts it to IP packets, and sends the packets to the Internet or private IP/VPN via a PPP dial connection. This allows customers to seamlessly connect serial devices such as scanners, cameras and data acquisition devices by leveraging the low cost and global reach of the Internet.

The IP232 provides several benefits such as:

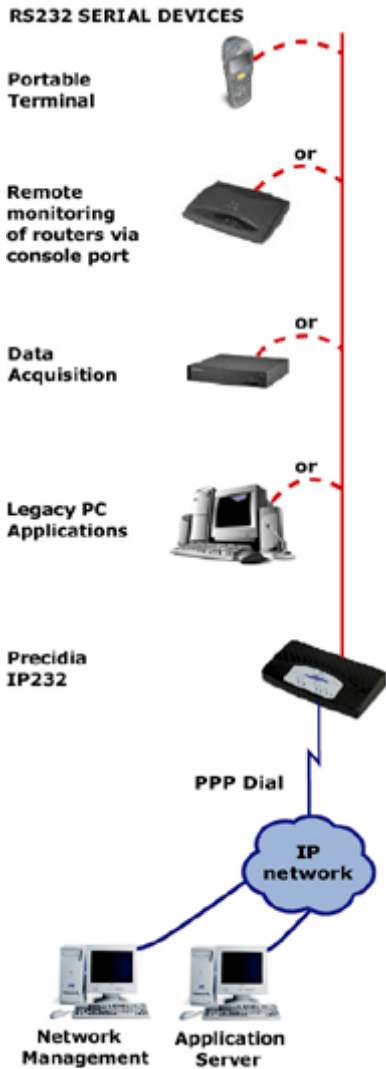
- Monitors remote serial devices from a central location in real time;
- Extends the life of existing serial equipment by connecting to an IP network;
- Eliminates long distance charges by dialing into a local ISP;
- Eliminates service calls with remote configuration and diagnostics capabilities;
- Provides serial device statistics via standard web browser or Telnet, from any location on the network.

With Precidia's IP232, what was once stand-alone is now part of your network, accessible from a central PC.



Remote Access

Features



- Transparent to existing serial connections
- Compatible with TCP/IP networks for Internet or Intranet applications
- Built-in server for displaying both static and dynamic web pages
- Statistics and log files available via Web browser or Telnet session
- Supports hardware/software/no handshaking
- Local and remote password protection
- Local and remote configuration and software upgrade capability
- Real-time access to data for troubleshooting and diagnosing problems
- DHCP support for enhanced network management
- Supports IPSec (manually keyed)
- Dial-In and Call-back capability
- Secondary dial phone number
- Periodic timer for dial-out
- Idle disconnect timer
- Modem connection control
- AT modem emulation (support for FTP through extended commands)
- Auto-identity header for units with dynamic IP
- Visual status LEDs
- One year warranty

Specifications

- Serial Interface:
 - Serial Connector:
 - Serial Speed:
 - Modem Interface:
 - Modem Connector:
 - Modem Speed:
 - Status LEDs Indicators:
 - Protocol Supported:
 - Power requirements:
 - Operating Temperature:
 - Dimensions (h x w x d):
 - Weight (including power supply):
- RS-232 DTE Interface
DB-9 Male
300-115200 bps (over 38400 bps, in bursts of 255 bytes with handshaking)
V.34 Dial PPP
RJ-11
Up to 33.6 kbps
Power, Modem-Carrier, Receive, and Transmit, COM (Serial) - Transmit and Status
PPP (CHAP, PAP authentication methods), ICMP, IP, TCP, UDP, HTTP, SNMPv2c, Telnet, TFTP, Com Port Control (RFC2217), FTP, DHCP, IPSec (manually keyed)
9V DC external, 500mA
0-50°C / 32-125°F
28 x 155 x 80 mm (1.1 x 6.0 x 3.1 in.)
500 g (17.14 oz)



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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 45 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.

www.precidia.com