



Ether232Plus™



3 in 1 IP Connectivity for Serial Devices

The Ether232Plus is the latest addition to Precidia's family of Remote Access products which connect stand-alone RS232, RS422, or RS485 serial devices to IP networks via Ethernet. Leveraging proven technology the Ether232Plus seamlessly migrates serial equipment over to IP, with no changes to your existing equipment, network, or systems.

Installing and configuring easily, the Ether232Plus readily connects your serial equipment to an IP network. Operating within LAN or WAN environments using TCP/IP via Ethernet, its sophisticated design can add value to your existing application. With network management features such as an SNMP agent and an embedded web server for providing status logs, the Ether232Plus vastly improves the performance of your network.

With Precidia's Ether232Plus, all types of legacy equipment and systems can be integrated onto one standard IP network. What was once stand-alone is now a part of your network, accessible from a central PC.

The '3 in 1' Ether232Plus offers several benefits:

- Delivers Ethernet connectivity for any asynchronous RS232, RS422 or RS485 device
- Access device data in real-time from any PC on the network
- Integrates seamlessly with existing systems and equipment, requiring no upgrades
- Reduces the need for bulky PCs and cumbersome cabling
- Simple, plug and play installation and configuration

The Ether232Plus is the ideal solution for almost any sector, including:

- HVAC systems analyzed by building automation maintenance staff from a central location;
- Pipeline sensors, flow valves, and PLCs monitored in real time from a standard PC at a remote location;
- Multiple scrolling LED signs;
- Critical healthcare equipment.



Remote Access

Features

- Transparent to existing serial connections
- RS232, RS422 and RS485 serial ports supporting up to 115200 bps
- Compatible with TCP/IP networks and routers for Intranet applications
- Built-in web server, supporting 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
- SMPv2c support for improved network management
- Telnet and Reverse Telnet connections
- Supports any asynchronous RS232, RS422 or RS485 serial device with 7 or 8 bit data, with or without any 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
- Extended SNMP traps and alerts
- User downloadable web page
- Extended SNMP trap and alerts
- DHCP support for enhanced network management
- Supports IPSec (manually keyed)
- Auto-identity header for units with dynamic IP
- Visual status LEDs
- One year warranty

Specifications

Serial Interface:	RS-232, RS-422, RS-485 DTE Interface
Serial Connector:	DB-9 Male, RJ-45
Serial Speed:	300—115200 bps
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 Serial (transmit, status)
Protocols Supported:	ARP, ICMP, UDP, TCP, IP
Network Services:	HTTP, Telnet, TFTP, Com Port Control(RFC2217), SNMPv2c, DHCP, 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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Ether232Plus

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 seamlessly migrate stand-alone serial equipment onto more sophisticated IP networks.

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