

iPOCKET232™



For organizations with a significant investment in legacy systems, the iPocket232™ delivers the benefits of Internet technology in a simple, cost-effective device. Whether integrating IP PBXs and property management systems, networking manufacturing equipment or replacing modems, the iPocket232 IP adapter is the only device you need to bring RS232 equipment onto an Ethernet LAN/WAN.

Low-cost Ethernet connectivity ideal for:

- **Serial tunneling**
- **IP and legacy equipment integration**
- **Modem emulation**

In markets including:

- **IT & Telecommunications**
- **Manufacturing**
- **Building Automation**
- **Security**
- **Healthcare**
- **Energy/Environmental**

Practical IP transition

With RS232 and Ethernet ports, the iPocket232 seamlessly connects legacy equipment to an enterprise LAN/WAN. It extends the life span of existing PBX, HVAC and other serial-based systems with seamless network accessibility. By leveraging the iPocket232, organizations can implement a more flexible IP migration strategy.

Better M2M communication

The iPocket232 facilitates machine-to-machine (M2M) communications by providing a bridge via Ethernet between disparate systems. Network integration enables real-time data access from any connected PC and enterprise-wide sharing of information. By supporting remote data/device access, the iPocket232 simplifies equipment diagnostics and maintenance, and reduces on-site support requirements. Additional cost-savings are possible by using the iPocket232 for modem emulation.

Reliable IP connectivity

System integrators trust the iPocket232 to deliver dependable IP connectivity. Proven in over 200 different applications, this simple IP adapter is the product of more than five years dedicated R&D efforts.

Simple implementation

The iPocket232 installs and configures in a matter of minutes. The iPocket232 reduces cabling requirements and can overcome distance limitations imposed by serial cables. Furthermore, its compact design makes it ideal for almost any environment. For industrial applications, the adapter can be DIN Rail mounted.



**Simple IP Capability
for Serial Equipment**



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
- Powers 9V serial device without additional external adapter
- One year warranty

Specifications

Serial interface:	RS-232 DCE interface
Serial connector:	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 LED indicators:	Power, Ethernet (link, collision, ,transmit), COM (transmit, status)
Protocols 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
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)

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