

• **RS232 WAN Router or Ethernet Bridge** •



IP•Express RS232 is a Wide Area Network solution that **bridges** Ethernet Packets or **routes** the Internet Protocol through a High Speed **RS232** WAN interface. The **RS232** WAN port supports Point to Point and Frame Relay Wide Area Networking Protocols with 24/7 proven interoperability.

IP•Express RS232 are used extensively with Wide Area Networks for high performance branch office connectivity and Internet access. Internet Service Providers deploy the **IP•Express RS232** as a customer premise solution. Corporations and Government agencies select the **IP•Express RS232** for its ease of installation and reliability.

The **IP•Express RS232** is a very reliable, high performance and cost effective IP WAN Router and Ethernet Bridge for interconnecting remote LANs and for shared high performance Internet Access.

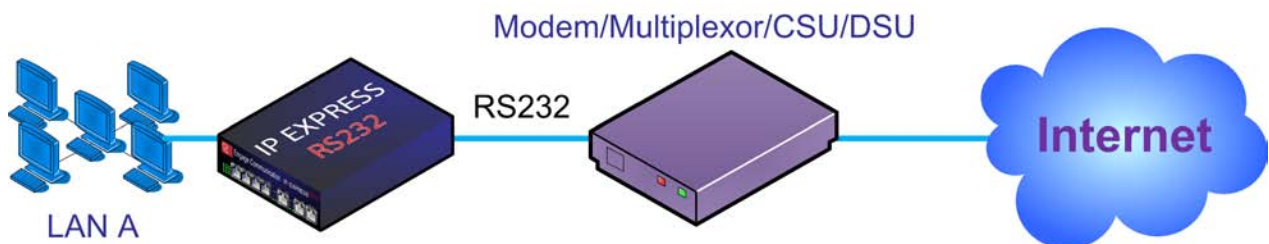
IP•Express RS232 is great for:

- Branch Office Connections • Shared Internet Access
- Education District Networking • Multimegabyte File Transfers
- Ethernet to RS232 Conversion

• **RS232 Branch Office WAN** •



• **RS232 WAN Router Internet Access** •



Network Security is provided with Full On Source, Destination Address; Port and Flag IP Packet filtering. Interconnectivity is able to be selectively controlled at the network, device and application layers.

Management of the **IP•Express RS232** is accomplished with a Command Line Interface that is accessed through a Console or Telnet connection. Templates of the most common configuration provide for an Edit and Paste configuration. SNMP MIB I and II support is a standard feature.

Rack Mount Kit

The IPExpress products are easily installed in 19" and 23" racks with the Rack Mount Kit. Easy access to both front and rear sides facilitates technician maintenance procedures.

IP•Express RS232 Technical Specification

LAN Network Interface:

- 10/100 BaseT Ethernet Port
- Auto-negotiate or Configured Speed/Duplex

LAN Network Protocols Supported:

- IP, TCP, UDP, RIP, ICMP
- IP Multicast support

WAN Network Interfaces:

- One RS232 DTE

RS232 Specifications:

- DTE DB25 Female
- 8 Megabit per second clocking rate

WAN Network Protocols Supported:

- PPP (RFC 1548, RFC 1332, RFC 1334, PAP)
- Frame Relay (ANSI ANNEX D, LMI, RFC 1420)

Management:

- Telnet support with Edit and Paste Templates
- Console Port for Out of Band Management
- SNMP support (MIB I, MIB II)
- Remote configuration, monitoring, & reset

Routing Protocols Supported:

- RIPV1, Static

TFTP Online Upgrade Capable:

- Fully operational during upgrade

Network Security:

- Full On Source, Destination Address; Port and Flag IP Packet filtering
- Network, Device and Application Layers.

Dimension:

- 9" (L) x 7.3" (W) x 1.50" (H)

Regulatory:

- Safety -IEC60950
- EMC - CFR 47 Part 15 Sub Part B:2002 EN55022:1994+A1&A2 EN55024, ICES-003 1997 CISPR 22 Level A
- CE

Power:

- Locking Power Connector
- 12-24 VDC 1.0A Ships with Universal Adapter
- Optional -48V 0.25 Amp
- Hot Standby with 2nd Power Module



How to Order — IP•Express RS232

Part No.	Description	Notes
076-1232-01	IP•Express RS232	Base Model
Power Options		Specify as suffix
-DCMOD	Power 12/30 VDC w LOCKING CONNECTOR	Ships with Universal Adapter 90/240 50/60
-WIRED	Power 12/30 VDC Stripped Wire Screw	
-N48VDC	Power Supply Module Negative 48 Volt DC	Isolated Negative 48 Volt Power Hot Standby
Rack Mount Option		Specify as suffix
-RACKMNT	19" Wide Rack Mount Brackets	Enclosure Nut Serts Installed