



EtherBITS™ RS-232 Device Server

Model 2232

Low-cost single-port device server lets you monitor, control, and collect data from any async RS-232 device over any IP network.

Control and Monitor Serial Device
Link asynchronous serial devices and terminals to your IP network

Supports a Wide Range of Data Rates
User-selectable async data rates up to 115.2 kbps

Connects Directly to the LAN
10Base-T LAN connection via shielded RJ-45 connector

Standard TCP/IP Protocols Supported
ARP, ICMP, TCP, DHCP client, Telnet

COM Port Redirector Software Included
Windows-Tactical COM Port Redirector Linux-vtty drivers

Ethernet has far outgrown the confines of the office network. From factories and farms to railways and retail shops, credit bureaus, banks—even medical and dental offices—anywhere serial devices are found—the EtherBITS Model 2232 offers network managers the lowest-cost solution for making the transition from legacy serial infrastructure to the age of IP.

The EtherBITS Model 2232 provides both a serial RS-232 port (male or female/DB-9 or DB25) and a 10Base-T Ethernet port to link any RS-232 serial device to the Ethernet LAN at user-selectable data rates from 1200 bps to 115.2 kbps.

The Model 2232 encapsulates asynchronous serial data into IP packets for transport through the network via TCP or TELNET. The Model 2232 delivers a transparent end-to-

end connection to your PC or network management host using any user-defined IP address and TCP port number. For greater flexibility, a built-in DHCP client can dynamically obtain an IP address from a master server anywhere on the network. With the included COM Port Redirector software you can use the existing COM/TTY on your PC, thus avoiding the hassle and expense obtaining an additional software license.

Connect serial devices and terminals to Ethernet quickly and easily with Patton's low-cost EtherBITS Model 2232 Single-Port Terminal Server. The Patton EtherBITS Model 2232 lets you leverage the power and flexibility of Ethernet for low-cost, hassle-free device networking.

Visit www.patton.com for more information.

Built-in Patton know-how. We have been building interface conversion devices since 1984!

LEDs for monitoring Ethernet link and activity

Locking style barrel connector provides secure power connection

10/100Base-TX LAN port connects to Ethernet hub/switch

Serial connector:
• DB-9 male or female
• DB-25 male or female via cable

DIN Rail Kit Available



Typical Applications

✓ The Model 2232 Single-Port Device Server is used to connect various RS-232 serial devices to the local area network through their serial control ports. The 2232 enables monitoring, control, and data collection from this equipment by remote computers located anywhere on the local or wide area network.

COM Port redirector is provided for users who choose to use their existing serial communication application programs. Using the redirector software provided on the Patton Model 2232 allows existing COM/TTY-based software to be preserved, thus no additional investment is required on additional software.

✓ The Patton Model 2232 can be used for serial data tunneling when used in pairs. When operating in pairs, the 2232s will simulate a direct serial link between two serial devices over an Ethernet connection. Using IP allows the user to extend serial connections from across the building to across the world using the World Wide Web.



Specifications

Physical Interface

Serial: DB-9M/F; DB-25M/F; Ethernet: Shielded RJ-45

Serial Transmission

RS-232 rates from 1200 bps to 115.2 kbps

Ethernet Transmission

10Base-T

Management

Monitoring, control, and diagnostics via serial port, TELNET session, or HTTP

LED Indicators

Power, Ethernet Link and Activity, Serial Receive and Transmit

Power

External AC: 9~30 VDC, 300 mA at 9 VDC

Compliance

EMC Directive 89/336/EEC, Low Voltage Directive 73/23/EEC; CE Mark

Environment

Temperature: 40~122°F (5~50°C); Humidity: Up to 90% non-condensing

Dimensions

4.5L x 3.2W x 1.0H in.
(9.0L x 5.3W x 1.9H cm)

Weight

Packaged: 0.66 lbs (300 g)
Unit Only: 0.55 lbs (250 g)

07M2232-DS3

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PE-Inalp Networks Private Ltd

An Associate of

PATTON
Electronics Co., USA

Old No. 14 and New No.6,
Brahadambal Road,
Nungambakkam High Road
Chennai: 600 034, India
Phone **+91 44 45490395/6/7**
Fax **+91 44 4549.0394**
Email **sales@patton.co.in**
Web **www.patton.co.in**

Patton-Inalp Networks AG

PATTON
inalp networks

Meriedweg 7
CH-3172 Niederwangen
Switzerland
Phone **+41 (31) 985 25 25**
Fax **+41 (31) 985 25 26**
E-mail **sales@inalp.com**
Web **www.inalp.com**

Patton Electronics Co.

PE PATTON
Electronics Co.

7622 Rickenbacker Drive
Gaithersburg, Maryland 20879
USA
Phone **+1 301 975 1000**
Fax **+1 301 869 9293**
E-mail **sales@patton.com**
Web **www.patton.com**