EtherBITS™ RS-485/422/232 Universal Device Server

Model 2285

Control, monitor, and collect data from all your serial devices over the local network or Internet. Patton's Model 2285 universal single-port device server is cost-effective and feature-rich, linking virtually any serial RS-485/422/232 device to any IP network over a secure connection.

User Selectable RS-485/422/232
Control, access, and monitor your asynchronous serial terminals and devices over the LAN

Secure Communication
Security features include static key based RC4 data encryption, SSL, HTTPS, and IP filtering

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

Standard TCP/IP Protocols Supported
ARP, ICMP, TCP, Raw TCP, UDP, DHCP, Telnet/SSH, HTTPS, DNS, Dynamic DNS, SNMP v1, & v2, SSL

Connects Directly to the LAN
10/100Base-TX LAN connection via RJ-45 connects to any hub/switch

Free Software Updates
Download new software via Patton's FTP site to internal FLASH memory

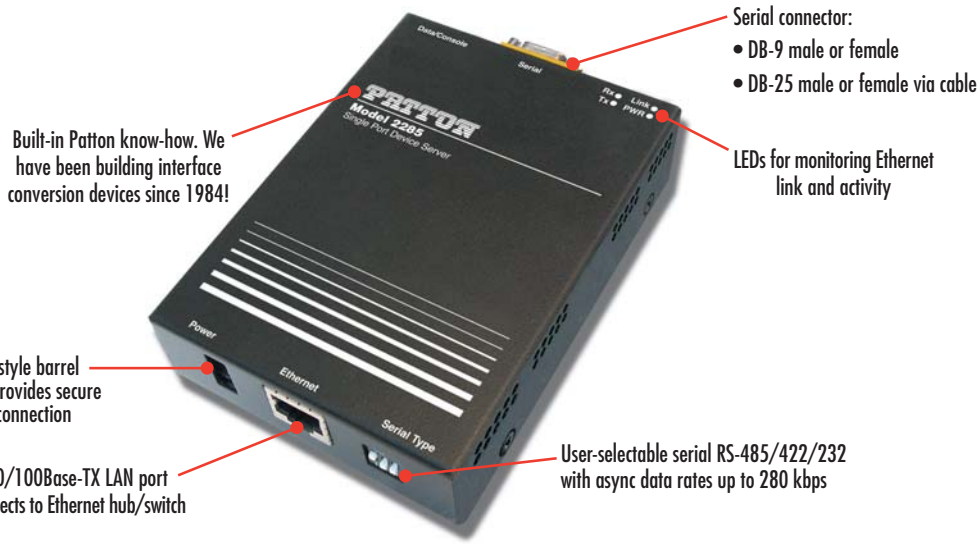
Use Patton's Model 2285 universal single-port device server to control, access, inter-connect, and manage RS-485/422/232 devices from any remote location as if you were there. Patton's device servers provide a new level of efficiency and affordability to a variety of application environments including industrial automation, health care, security, transportation, retail, and many others.

With built-in DHCP the Model 2285 automatically obtains an IP address and a subnet mask from the master server. With the IP address identified and the serial port attached, the Model 2285 can pass tranparently pass data end-to-end using Telnet over TCP. Users can access management features over telnet, serial console, or the web. Security features include static key based RC4 data encryption, SSL to provide a secure connection between client and server, HTTPS for secure data transfer over the network, and IP filter, which limits and controls access to the serial device. COM Port Redirector is included with Patton's 2285 enabling users to use their existing COM/TTY-based software, preventing the hassle and expense of investing in additional software.

The Patton Model 2285 provides physical-layer connectivity by a user selectable RS-485/422/232 serial port and 10/100Base-TX Ethernet port. Configure the serial port's data rate, ranging from 75 bps to 230 kbps, and choose from a variety of connector types including DB9 or DB25 male or female.

Easily and cost effectively bring serial devices onto one global or local area network!

Visit www.patton.com for more information.



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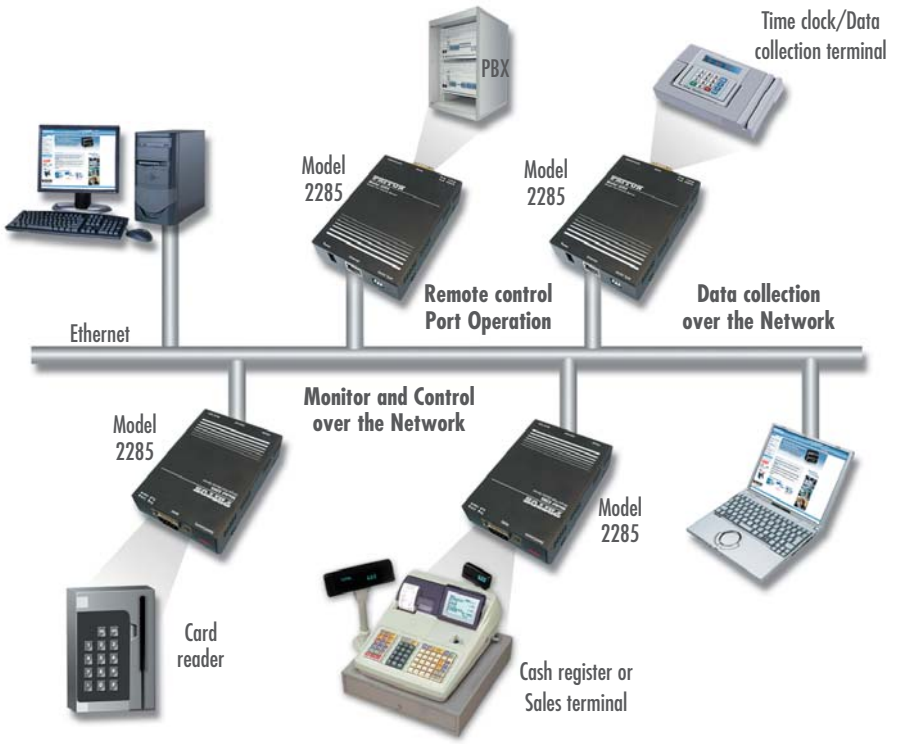
Special Rates Available Call for Details

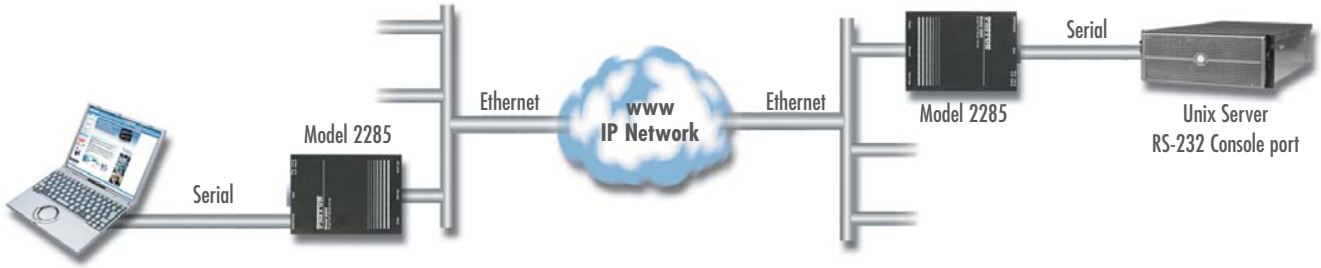
EtherBITS...*Connect with confidence.*

PATTON®

Typical Applications

- ✔ The Patton Model 2285 connects various RS-485/422/232 serial devices to a central location over an Ethernet Local Area Network. The device server enables monitoring, controlling, management, and data collection.
- ✔ The Model 2285 enhances COM Port Redirection with the addition of encryption. Secure connections between the 2285 and the controller's COM port are implemented with the Serial/IP COM port redirector or OpenSSL Toolkit with an SSL security option.
- ✔ The Model 2285 performs Serial Data Tunneling when used in pairs. The 2285's will simulate a direct serial link between two serial devices over an Ethernet connection. Using IP allows the user to extend serial connections across the building or across the world.





Specifications

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

Serial Transmission
RS-485,422, and 232 rates from 75 bps to 230 kbps (user selectable)

Ethernet Transmission
10/100Base-TX

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

LED Indicators
Power, Ethernet Status, and Activity

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: 1.05 lbs (0.46 kg);
Unit only: 0.15 lbs (0.06 kg)

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