

CONNECTIVITY: LAN PRODUCTS

The Patton Model 2120 Single Port Terminal Server brings RS-232 serial devices onto the LAN using the flexibility of Ethernet and TCP/IP protocols.

Single-Port Terminal Server

Patton Model 2120

Ethernet continues to be the most common office networking infrastructure. Now, Ethernet is making its way from the office to the shop floor. Traditional RS-232 environments require the use of multi-port serial cards, expensive cables, and the personnel to manage multiple systems. Patton's Model 2120 Single Port Terminal Server provides a quick, simple, and cost effective solution for connecting traditional RS-232 terminals and devices to the LAN.

The Model 2120 enables you to bring all systems and equipment together onto one local area network. Typical serial devices include ASCII terminals, time/attendance devices, CNC controllers, printers, key card systems, and modems. The Model 2120 links serial RS-232 devices to the network by encapsulating the RS-232 data into IP packets for transport over the LAN. Using RAWTCP or TELNET, the Model 2120 can connect to any user-defined IP address and port. Once connected to the remote host, data is passed transparently end-to-end. The built-in DHCP Client allows the Model 2120 to dynamically obtain an IP address and a subnet mask from a master server. With SLIP and PPP connections, remote users can access the network and it will appear as if they were locally connected.

Why go to the expense and hassle of installing outdated multi-port serial cards and cables and managing multiple systems? The Patton Model 2120 easily and cost effectively brings serial RS-232 equipment together with other systems on one Local Area Network! For more information, visit us at www.patton.com.

Control and Monitor Serial Devices

Control and monitor your RS-232 asynchronous terminals and devices over the local area network

Supports a Wide Range of Data Rates

User-selectable async data rates up to 115.2 kbps

Connects Directly to the LAN

802.3 10Base-T LAN connection via RJ-45 connects to any hub/switch

Standard TCP/IP Protocols Supported

TCP, UDP, IP, ICMP, TELNET, ARP, DHCP, FTP, SLIP, PPP, DNS, WINS, and PAP

Free Software Updates

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

Easy to Monitor

LEDs for monitoring LAN link and status, and RS-232 control signals

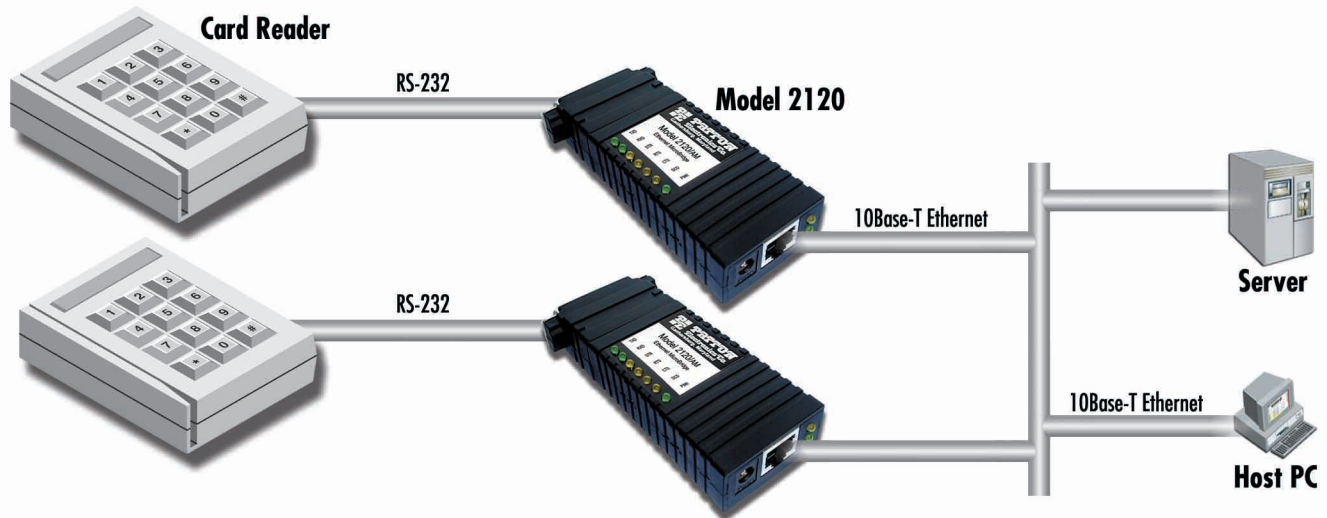
PATTON



Model 2120

Application

The Model 2120 conveniently attaches to the serial port of the RS-232 device. The Model 2120 will use its individually assigned IP address so that the host PC can target a specific serial device, in this case, card readers. Using a similar communications protocol such as RAWTCP or TELNET, the host PC will poll and monitor the card readers for various types of data.



Specifications

Mechanical Interface	Data: DB-25 male or female; DB-9 male or female; Ethernet LAN: RJ-45
Transmission	RS-232 Asynchronous 0–115.2 kbps, user-selectable through Telnet session
Protocol	TCP, UDP, IP, TELNET, ICMP, ARP, SLIP, PPP, PAP, DHCP, DNS, WINS
Management	Monitoring, control, and diagnostics via serial port or via TELNET session
DTE/DCE	User-selectable through TELNET session
Memory	1 Mbyte of RAM; 512 kbytes of FLASH
Power Source	External, universal power (100–240 VAC), or -48VDC
Environmental	32 to 122°F (0 to 50°C)
Dimensions	3.5 L x 2.1 W x 0.78 H inch (9.0 L x 5.3 W x 1.9 H cm)
Weight	0.2 lbs (0.09 kg)

Ordering Information

2120/AM/UI	Single Port RS-232 Terminal Server, Asynchronous, DB-25 Male, UI (100-240 VAC) Power Supply
2120/AM/48	Single Port RS-232 Terminal Server, Asynchronous, DB-25 Male, -48 VDC Power Supply
2120/AF/UI	Single Port RS-232 Terminal Server, Asynchronous, DB-25 Female, UI (100-240 VAC) Power Supply
2120/AF/48	Single Port RS-232 Terminal Server, Asynchronous, DB-25 Female, -48 VDC Power Supply
2120/A9M/UI	Single Port RS-232 Terminal Server, Asynchronous, DB-9 Male, UI (100-240 VAC) Power Supply
2120/A9M/48	Single Port RS-232 Terminal Server, Asynchronous, DB-9 Male, -48 VDC Power Supply
2120/A9F/UI	Single Port RS-232 Terminal Server, Asynchronous, DB-9 Female, UI (100-240 VAC) Power Supply
2120/A9F/48	Single Port RS-232 Terminal Server, Asynchronous, DB-9 Female, -48 VDC Power Supply



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