PATTON ELECTRONICS COMPANY

PRODUCT QUICK REFERENCE

GoCard

Product Model	**2120**		
Product Name	**Single Port RS-232 Terminal Server**		
Product Manager	**John Grant**	**Contact**	**Jgrant@patton.com**

Who is the customer for this product?

This product is for customers who are looking for an economical solution to bring their traditional RS-232 serial devices onto the LAN using the flexibility of Ethernet and TCP/IP protocols. The Model 2120 can be sold to factories, retail outlets, security companies, and systems integrators. The customers for the 2120 are truly endless.

RELATED LAN PRODUCTS

For an economical and hassle-free solution for connecting geographically separated LANs through bridging, we recommend Patton's Ethernet MicroBridges. The Ethernet MicroBridges offer a wide variety of interfaces to make your WAN connections more convenient. The Ethernet MicroBridges are available with X.21 (Model 2121), V.35 (Model 2135 & 2135C), RS-232 (Model 2124), or RS-530 (Model 2130) interfaces.

Single Port RS-232 Terminal Server Features and Benefits	
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 from 4800bps to 115.2 kbps
Connects Directly to the LAN	802.3 10Base-T LAN connection via RJ-45 connects directly to an Ethernet Switch/Hub
Standard TCP/IP Protocols Supported	TCP, UDP, IP, ICMP, TELNET, RLOGIN, TFTP, ARP, DHCP, FTP, SLIP, and PPP
Free Software Updates	Download new software via upgrades.patton.com
Easy to Monitor	LEDs for monitoring LAN link status and RS-232 control signals

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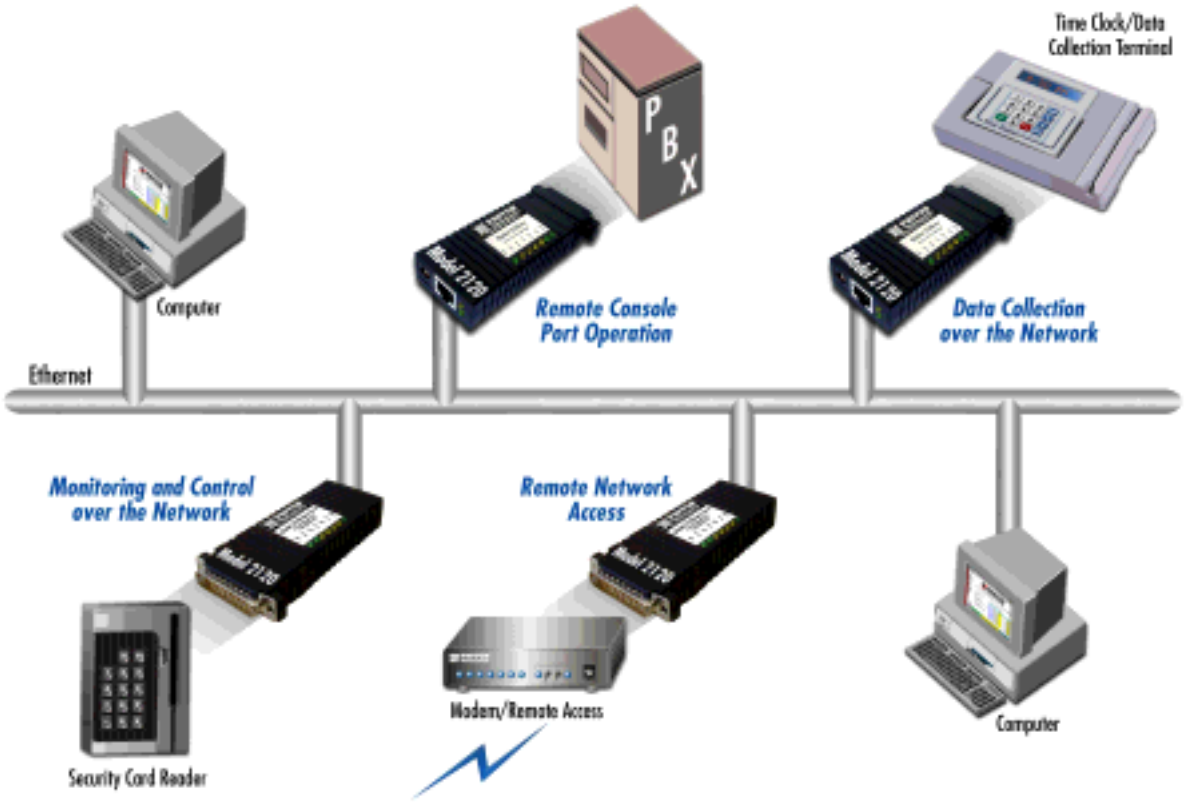
Primary Applications

In the application below, the Model 2120 Single Port RS-232 Terminal Server is used to connect the RS-232 control port of a PBX, security card reader, and time clock to the Local Area Network. The 2120 enables monitoring, control, and data collection from this equipment by remote Computers located anywhere on the local or wide area network. Further, the Model 2120 is connected to the LAN and dial-up modem to provide single port remote network access.



Ordering Information

Model	Description
2120/AM/UI	Single Port RS-232 Terminal Server, Asynchronous, DB25 Male, UI Power Supply
2120/AM/48	Single Port RS-232 Terminal Server, Asynchronous, DB25 Male, -48VDC Power Supply
	COMING SOON
2120/AF/UI	Single Port RS-232 Terminal Server, Asynchronous, DB25 Female, UI Power Supply
2120/AF/48	Single Port RS-232 Terminal Server, Asynchronous, DB25 Female, -48VDC Power Supply
2120/A9M/UI	Single Port RS-232 Terminal Server, Asynchronous, DB9 Male, UI Power Supply
2120/A9M/48	Single Port RS-232 Terminal Server, Asynchronous, DB9 Male, -48VDC Power Supply
2120/A9F/UI	Single Port RS-232 Terminal Server, Asynchronous, DB9 Female, UI Power Supply
2120/A9F/48	Single Port RS-232 Terminal Server, Asynchronous, DB9 Female, -48VDC Power Supply

Optional parts

None, units are shipped complete with:

- Single Port Terminal Server unit
- Power supply (External Desk Top)
- User manual

Note: Country specific power cords are ordered separately.

Replacement parts

Part Number	Description
08055DCUI	Universal Input Power Supply (100–240 VAC)
48V-PSM	–48 VDC power supply

Shipping/Export Information

ECCN export number: 8517.50.1000

Country of origin: United States of America, NAFTA

Total weight boxed: 1.26lbs (.57kg)

Individual unit: .2lbs (.09kg)

MTBF/Repair Information

MTBF: 177,800 Hrs. Calculation based on MIL-HDBK-217F, Notice 2 - "Parts Count Reliability Prediction"

Mean time to repair: 2 –3 days

Warranty: 1-year parts and labor.

Out of warranty repair rate: $150, flat rate – contact Patton's Tech Support for details.

Physical Specifications

Dimensions: 3.5″L x 2.1″W x 0.78″H (9.0 L x 5.3 W x 2.0 H cm)

Color: **Case:** Black **Label:** White with black letters

Case material: Plastic, fire retardant

Environmental

Operating Temp: 32 to 122°F (0 to 50°C)

Storage Temp: -40 to 185°F (-40 to +85°C)

Relative Humidity: 5 to 95% RH, non-condensing

Altitude: 0–15,000 feet (3,048 meters)

Ventilation requirements: None. Units do not require cooling fans.

Approvals

Safety	Emissions	Telecommunications
CE Marked per EMC directive 89/336/EEC and low voltage directive 72/23/EEC. ESD EN61000-4-2	FCC part 15, Class A	NONE REQUIRED
	EN55022 Class A, conducted and radiated emissions	

Power Supplies

Standalone

AC: Universal input, 100-240VAC, 50-60Hz, external

DC: -48VDC, external