

Hardened Serial Device Server

(4) RS-232/422/485 Serial Ports + (2) 10/100Base-TX Fast Ethernet Ports

Lantronix's serial device server provides the ability to communicate serial data across an Ethernet network. The SDSTX3110-124-LRT-B contains (2) 10/100Base Fast Ethernet ports that can be configured to one or multiple redundant servers. Security of the data transmission is assured through HTTPS, SSH, and SSL data encryption.

The SDSTX3110-124-LRT-B comes with COM port redirector software enabling communication of serial data to a virtual COM port on a server, or can be used in pairs to provide serial tunneling across the Ethernet network.

The SDSTX3110-124-LRT-B is a hardened device designed to operate in the harshest environments. Enclosed in an IP30 enclosure and accepting input voltage of 12 to 48 VDC, the device is certified to operate in temperatures of -40°C to +70°C.



SDSTX3110-124-LRT-B

Key Features

- Operating Modes: Virtual Com, Serial Tunnel, TCP Server, TCP Client, UDP
- Security: SSL data encryption; secured management by HTTPS and SSH IP Access: IP White List
- Event Warning by SYSLOG, Email, SNMP traps
- Extended operating temperature (-40°C to 70°C)
- Various Windows O.S. supported: Windows NT/2000/ XP/ 2003/ VISTA(32/64bit)/ Windows 7(32/64bit) / Windows 8

Specifications

Standards	IEEE 802.3™ IEEE 802.3u																						
Protocols	ICMP, IP, TCP, UDP, DHCP, BOOTP, SSH, DNS, SNMP V1/V2c, HTTPS, SMTP, SSL																						
Serial	<table border="0"> <tr> <td>Ports</td><td>(4) DB9M</td></tr> <tr> <td>Protocols</td><td>RS-232/422/485 (2 and 4 wire)</td></tr> <tr> <td>Baud Rates</td><td>110bps to 460Kbps</td></tr> <tr> <td>Data Bits</td><td>7,8</td></tr> <tr> <td>Parity</td><td>Odd, Even, None, Space</td></tr> <tr> <td>Stop Bits</td><td>1, 1.5, 2</td></tr> <tr> <td>RS-232</td><td>TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND</td></tr> <tr> <td>RS-422</td><td>Tx+, Tx-, Rx+, Rx-, GND</td></tr> <tr> <td>RS-485 (4 wire)</td><td>Tx+, Tx-, Rx+, Rx-, GND</td></tr> <tr> <td>RS-485 (2 Wire)</td><td>Data+, Data-, GND</td></tr> <tr> <td>Flow Control</td><td>XON/XOFF, RTS/CST, DTR/DSR</td></tr> </table>	Ports	(4) DB9M	Protocols	RS-232/422/485 (2 and 4 wire)	Baud Rates	110bps to 460Kbps	Data Bits	7,8	Parity	Odd, Even, None, Space	Stop Bits	1, 1.5, 2	RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND	RS-422	Tx+, Tx-, Rx+, Rx-, GND	RS-485 (4 wire)	Tx+, Tx-, Rx+, Rx-, GND	RS-485 (2 Wire)	Data+, Data-, GND	Flow Control	XON/XOFF, RTS/CST, DTR/DSR
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Flow Control	XON/XOFF, RTS/CST, DTR/DSR																						
Status LEDs	Power, Ethernet Port Link/Act, Serial TX/RX																						
Dimensions	Width: 2.6" [66 mm] Depth: 3.19" [81 mm] Height: 3.74" [95 mm]																						
Power Consumption	4.32 Watts																						
Power Input	12~48 VDC; redundant inputs																						
Ingress Protection	IP30																						
Environment	Operating: -40°C to +70°C Storage: -40°C to +85°C Humidity: 5% to 90% (non-condensing).																						
Weight	0.83 lbs. [.38 kg]																						
Certifications	Safety: EN60950-1 FCC Part 15, CISPR22/EN55022 Class A, EN61000-4-2, EN61000-4-3, EN-61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11, IEC60068-2-32 (Free fall), IEC60068-2-6 (Vibration)																						
Warranty	5 Years																						

Ordering Information

SDSTX3110-124-LRT-B

(4) RS232/422/485 DB9 ports +
(2) 10/100Base-TX RJ-45 ports

Optional Accessories (sold separately)

25135

Input: 85-264 VAC, 120-370 VDC
Output: 24VDC, .42A, 10 Watts

25130

Input: 85-264 VAC, 120-370 VDC
Output: 48VDC, .83A, 39.8 Watts