SDSTX3110-121-LRT-B

Hardened Serial Device Server

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

Transition Networks serial device server provides the ability to communicate serial data across an Ethernet network. The SDSTX3110-121-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 SDSTX3110-121-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 SDSTX3110-121-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.

Ordering Information

SDSTX3110-121-LRT-B
(1) 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

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	Ports	(1) 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-
	Flow Control	XON/XOFF, RTS/CST, DTR/DSR
Status LEDs		Power, Ethernet Port Link/Act, Serial TX/RX
Dimensions		Width: 1.77” [45 mm] Depth: 3.19” [81 mm] Height: 3.74” [95 mm]
Power Consumption		3.36 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		0.66 lbs. [.3 kg]
Compliance		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), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Warranty		5 Years