

## Hardened Serial Device Server

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



Transition Networks serial device server provides the ability to communicate serial data across an Ethernet network. The SDSTX3110-124-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.

### 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

Media Converters

### 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 (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
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), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Warranty	5 Years