SDSTX3110-121S-LRT
Hardened Slim Serial Device Server
(1) RS-232/422/485 serial port to (2) 10/100Base-TX Fast Ethernet

TRANSITION NETWORKS®

Transition Networks hardened serial device server provides the ability to communicate secured serial data across an Ethernet network. The SDSTX3110-121S-LRT contains two 10/100 Fast Ethernet ports that can be configured to communicate to one or multiple redundant servers. Security of the data transmission is assured through HTTPS, SSH, and SSL data encryption.

The SDSTX3110-121S-LRT 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 SDSTX3110-121S-LRT is a hardened device designed to operate in the harshest environments. It has a slim IP-30 enclosure that can fit into space-constraining cabinets. The device accepts 12-48VDC power input and it is also certified to operate in temperatures of -40°C to +70°C.

Ordering Information

SDSTX3110-121S-LRT
(1) RS232/422/485 DB9 port
+ (2) 10/100Base-TX RJ-45

Optional Accessories (sold separately)

25135
Input: 85-264 VAC, 120-370 VDC
Output: 24VDC, 0.42A, 10 Watts

25130
Input: 85-264 VAC, 120-370 VDC
Output: 48VDC, 0.83A, 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 trap

- 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 921Kbps 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- RS-485 (4 wire) Tx+. Tx-, Rx+, Rx- 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: 1.02" [26 mm] Depth: 2.95" [75 mm] Height: 4.33" [110 mm]
Power Consumption	1.44 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 95% (non-condensing)
Weight	0.5 lb. [0.23 kg]
Compliance	FCC Part 15, CISPR (EN55022) class A, EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11, IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration) Safety: EN60950-1
Warranty	5 Years