

Industrial grade 4-port RS232/422/485 to 2-port 10/100Base-T(X) Device Servers

INTRODUCTION



This is an 4 port RS232/422/485 to 2 ports LAN redundant device server. To assure the agility and security of critical data, it offers many powerful features for HW & SW redundant functions. When the connection between master-link and LAN fails, it can automatically switch to another LAN port within 10mS, and still guarantees a non-stop connection. It also supports Switch mode, users can use Daisy Chain to reduce the usage of Ethernet switch ports. It can simultaneously transfer data into 5 host PCs. This feature can assure all critical data that saved in different host PC to avoid Ethernet break or host PCs failure.

HIGHLIGHTS

- Redundant Dual Ethernet Ports : Recovery time < 10ms
- Switch Mode Supported : Daisy Chain support to reduce usage of switch ports
- NAT-pass through : User can manage through NAT router
- Redundant Power Inputs : 12~48VDC on terminal block
- Redundant multiple host devices: 5 simultaneous in Virtual COM, TCP Server, TCP Client mode, UDP
- Secured Management : By HTTPS and SSH
- Versatile Modes : Virtual Com, Serial Tunnel, TCP Server, TCP Client, UDP
- Other Protocols : SNTP, DHCP/BOOTP, DDNS, PPOE, Telnet, Virtual Com
- Event Warning : By Syslog, Email, SNMP trap, and Relay
- Security : Password
- Various Windows O.S. supported: Windows 8/7/NT/2000/ XP/ 2003/VISTA 32-bit
- IP table to prevent access from unauthorized IP address
- Rigid IP-30 housing design
- DIN-Rail and panel mounting enabled

SPECIFICATIONS

Ethernet Ports

10/100Base-T(X) Ports : 2, RJ45 Auto MDI/MDIX
Option : PoE present at ETH2

Serial Ports

Connectors : DB9 x 4
Operation Mode : RS232/RS422 / RS485. Software configurable
Serial Baud Rate : 110 bps to 460.8 Kbps
Data Bits : 5, 6, 7, 8
Parity : Odd, Even, None, mark, space
Stop Bits : 1, 1.5, 2
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/CTS, DTR/DSR

Protection : 15KV ESD on all signals
Protection : 600W Surge Suppression

LED indicators : PWR 1(2) / Ready, IP conflict, 10/100Base-T(X) Link/Act, Serial TX / RX

San Telequip (P) Ltd.,
 504, 505 Deron Heights, Baner Road,
 Pune 411 045, India
 Phone : +91-20-65001587, 9764027070, 8390069393
 email : info@santelequip.com



Connecting. Converting. Leading !

Power

Redundant Input power : Dual DC inputs. 12-48VDC on 6-pin terminal block
 Power consumption (Typ.) : 5.5 Watts
 Overload current protection : Present
 Reverse polarity protection : Present on terminal block
 Relay : For Alarm Alerts. 1A @ 24V

Configuration Protocols

: Web based & Windows based utility
 : TCP, IP, UDP, ICMP, DHCP, BOOTP, ARP/RARP, DNS, SNMP
 MIB II, HTTPS, SSH

Physical Characteristic

Enclosure : IP-30
 Dimension (W x D x H) : 52(W) x 106.1(D) x 144.3(H) mm
 Weight (g) : 678 g

Environmental

Storage Temperature : -40 to 85°C
 Operating Temperature : -10 to 60°C
 Operating Humidity : 5% to 95% Non-condensing

Application Diagram

