

2 Ports Serial Device Server

P/N:ITT-SR4211



Features:

- Support 2 485 serial ports, the interface type are terminal
- Support 2 RS232 and 2 RS422 interface, the interface type are RJ45 net mouth.
- Provide an extra Ethernet interface, can be used as switch or cascade.
- Provide two power input forms: terminal and DC plug, the input voltage is 9~24V.
- ITT-SR4211 support Modbus Gateways function.



ITT-SR4211 serial device server is a 2 ports protocol converter between RS232/485/422 and TCP/IP developed by ITTELECOM. ITT-SR4211 support 2 RS232 ports, 2 RS422/485 ports, can realize 2 serial ports simultaneous full-duplex working through connecting to ITT-SR4211 via a cable. The RS485 interface is green terminal interface, the RS232/RS485 are RJ45 Ethernet port connection interface.

ITTELECOM can equip RJ45 to DB9 cable, 2 such line connecting to 2 RJ45 RS232 interface can lead out 2 DB9 male RS232 splice. Also ITT-SR4211 provide an extra Ethernet interface, can be used as switch or cascade.

ITT-SR4211 support extending to 4/6/8 ports through cascade Ethernet port. ITT-SR4211 provide 2 power connecting methods of power plug and terminal, wide range voltage, as well provide shell grounding protection.



- Building
- E-guard System
- Security System
- Power
- Electronic
- Intelligent Instrument
- Bank
- Medical Automation System

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- Stock Trading System



- Industrial Automation System



- Point of Sells (POS) System



- Information Appliances

Technical Parameters:

Figure	<ul style="list-style-type: none"> ➤ Interface: 485: Terminal; 232: RJ45(can equip RJ45 to DB9 cable); 422: Ethernet RJ45 ➤ Power Supply: 5.5mm, Inside positive outside negative, standard outlet; Terminal ➤ Size: L x W x H = 9.4cm x 6.5cm x 2.5cm
Communicate Interface	<ul style="list-style-type: none"> ➤ Ethernet: 2 10M/100M interface (can connect anyone), 2KV electrical plus protection ➤ Serial RS232/485/422×2: RXD , TXD , GND , CTS , RTS
Serial Parameters	<ul style="list-style-type: none"> ➤ Baud rate: 1200~460800bp s ➤ Parity: None, Odd, Even, Mark, Space ➤ Data size: 5~9 ➤ Flow control: RTS/CTS , NONE
Software	<ul style="list-style-type: none"> ➤ protocol: ETHERNET 、 IP 、 TCP 、 UDP 、 HTTP 、 ARP 、 ICMP 、 DHCP 、 DNS ➤ Setting method: WEB browser, device management library ➤ Net communication method: Socket, Virtual serial, device management library
Work Mode	<ul style="list-style-type: none"> ➤ TCP server, TCP client, UDP, Real Com Driver
Power:	<ul style="list-style-type: none"> ➤ 9 ~ 24V DC , 2~4W
Environment	<ul style="list-style-type: none"> ➤ Running temperature: - 40~85°C ➤ Storage temp: - 45~165°C ➤ Humidity: 5~95%RH
Certifications:	<ul style="list-style-type: none"> ➤ CE, FCC, RoHS

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Features

- **Support full duplex, high speed converting, and no packet lost.**
ITT-SR4211 is 2 ports serial device server of cost-effective, full-duplex, no packet lost. It supports simultaneously converting between Ethernet & Serial with large bulk of data with no pause, and also no data is lost.
- **High cost performance.**
ITT-SR4211 is designed by concept of intensification, after ensure the stability. It highly takes the cost of networking upgrading in count.
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ITT-SR4211 is designed by concept of intensification, after ensure the stability. It highly takes the cost of networking upgrading in count
- **Support TCP Server, TCP Client, UDP mode.**
And if communicating with ITTELECOM (our software), it automatically changes to Real Com Driver Mode.
- **Support band rate 1200~460800bps, data size 5~9bits, parity of None, Odd, Even, Mark, Space.**
Support CTS/RTS hardware flow control.
- **Equipped freely with our Windows Virtual Serial & Device Management Tool ITTELECOM.**
It supports virtual serial and searching device or modifying parameters with ITTELECOM.
- **Provide device management library (Window DLL library).**
It will help user to develop program with VC, VB, Delphi, C++ Builder. User need only use read () or write () function to communicate with ITT-SR4211.
- **The innovative disconnecting detecting method.**
Whether it running in TCP Server mode or TCP Client mode, once network is disconnected by some reason, the disconnecting detecting method will be detected it and reestablished the connecting.
- With build-in Web server, its parameters can be modified by web browser.
- Support DHCP, easy for IP management and solve IP confliction.
- Support DNS. It fulfills the need of access data server through domain name.
- Flexible serial data framing setting. It fulfills all kinds of serial data frame requirement.
- UDP mode support dynamic destination address mode. It helps for multi-user manage one serial server.
- Real Com Driver mode support using the 9-th bit to facilitate communication with milt-device. (the 9-th bit being 0 means data frame and 1 means address frame).
- Support searching serial servers and modifying parameters through Internet remotely
- Support parameter modifying protection, preventing modifying by accident. Support running with default parameters.
- Build-in 2 KV electrical plus protection in RJ45.
- High protection of electromagnetic interference, with its high electromagnetic interference protection SECC external shell.

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