

Features:

- 1U rack structure, convenient to be installed on the rack.
- Support 16 RS232/485/422 ports, all the 3 kinds interface are leaded in RJ45 form. For RS232 port, can equip RJ45 to DB9 cable, For RS485 can equip ITTelecom customized 2 line RJ45 to RS485 terminal product, very convenient to directly connect RS485 devices; For RS422 need jumper setting.
- Provide 4 Ethernet port, can be used as switch.
- 220V AC power supply.
- Support Modbus Gateways function.

Description:

ITT-SR-16RS4GE Serial Device Server is a rack-mounted 16-port protocol converter between RS232/4485/422 and TCP/IP developed by ITTelecom. ITT-SR-16RS4GE support 16 channels RS232 serial port, 16 channels RS485 serial port, 16 channels RS422 serial port, and RS232 support flow control.

The 16 channels can achieve to full-duplex work at the same time after connecting to ITT-SR-16RS4GE via a network cable, and the function of each serial port is same as single serial port server ITT-SR-16RS4GE. Each channel serial port can be TCP client, UDP client, UDP-UDP multicast. ITT-SR-16RS4GE is the ideal choice for multi-serial port connecting to internet. ITTelecom can provide shells in both white and black colors.



1) All 16 channels support the three kind serial port RS232, RS485, RS422 (needs jumper setting), the serial port is in type of RJ45. RS232 support hardware flow control. When using RS232, can provide patch cord accessories for RJ45 to DB9 (male).

2) All 16 channels can full-duplex work independently and no-interference each other. Can be configured different baud rate.

3) Support network switch function of 4 Ethernet port, and can be used as switch meanwhile.

4) Abundant signal light, each serial port has independent indicator light for TCP connection and data activity.

5) Support power supply through cable----POE power supply (customization)

6) 220V AC power supply.

7) 19-inch standard 1U rack structure design, convenient installation. With rack installation accessories.

8) Patent products of Shanghai ITTelecom with leading technology. Patent No. ITT 2014 2 0108890.3. 7)

Support remote view of device TCP connection status via software. Virtual serial port support data monitoring function.

8) Support Modbus gateway function, support Modbus RTU to Modbus TCP.

9) Support multi-host function: in the question and answer query mode, support network port allows more than one computer access to the same serial port device.

Technical Parameters:

• Figure	➤ Interface: 24 RJ45: 4 Ethernet port, 16 Serial ports, 4 for reservation. ➤ Power Supply: 220V AC, 10W ➤ Size: 19-inch standard size: L x W x H = 48cm×18cm×4.4cm
• Communicate Interface	➤ Ethernet: 4 10M/100M, switch structure, connect anyone can work ➤ Serial: 16 serial ports, each include: RS485/RS232/RS422 (RS422 needs jumper setting)
• Serial Parameters	➤ Parity: None, Even, Odd, Space, Mark ➤ Data bit: 5 ~ 9 ➤ Stop bit: 1,2 ➤ Flow control: RTS/CTS,DTR/DCR, XON/XOFF ➤ Baud rate: 1200bps ~ 460800bps
• Software	➤ Protocol: ETHERNET、IP、TCP、UDP、HTTP、ARP、ICMP、DHCP、DNS ➤ Setting method: ITTVirCom, WEB browser, device management library ➤ Net communication method: Socket, Virtual serial , device management library
• Power	➤ 9 ~ 24V DC, 2~4W
• Environment	➤ Running temperature: Industrial Grade ➤ Storage temp: -65~165°C ➤ Humidity: 5~95%RH