



Features:

- Support 8 RS232 serial ports, the interface is DB9, support full function flow control.
- Support 8 RS485 serial ports, need equip “DB9 to terminal” accessory to convert interface type to terminal.
- Provide an extra Ethernet interface, can be used as switch or cascade.
- Support Modbus Gateways function

Description:

ITT-SR-8RS-2GE is a 8 ports protocol converter for RS232/485 and TCP/IP. ITT-SR-8RS-2GE serial device server is a 8 ports protocol converter between RS232/485 and TCP/IP developed by ITTelecom. ITT-SR-8RS-2GE support 8 RS232 ports, 8 RS485 ports (in default donot support RS485, if need RS485 choose model ITT-SR-8RS-2GE It can realize 8 ports simultaneous full-duplex working by connecting to ITT-SR-8RS-2GE via a cable, the function of each serial ports is same as ITT-SR-8RS-2GE it's the ideal

choice of multi-serial ports networking. ITT-SR-8RS-2GE support extending to 16/24/32 ports through cascade Ethernet port,maximum to 64 serial ports.



- The 8 serial ports all support 2 serial forms: RS232, RS485.
- The 8 serial ports can independently full-duplex working, no interference between each other.
- Support extension function, can extending up to 64 serial ports.
- Rich signal lights, each port has self TCP connecting indicator and data activity indicator.
- Support power supply via cable ----POE power supply.

Technical Parameters:

• Figure	➤ Interface: RS232: DB9; RS485: the 1-th and 9-th line of DB9; 2 RJ45 Ethernet ports ➤ Power Supply: 5.5mm, Inside positive outside negative, standard outlet ➤ Size: L x W x H = 27cm×10.5cm×2.6cm
• Communicate Interface	➤ Ethernet: 2 10M/100M interface(can connect anyone) , 2KV surge protection
• Serial Parameters	➤ Parity: None, Even, Odd, Space, Mark ➤ Data bit: 5 ~ 9 ➤ Stop bit: 1, 1.5, 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: -40~85°C ➤ Storage temp: -65~165°C ➤ Humidity: 5~95%RH