



## Features:

- Support 4 RS485 serial ports, the interface type are terminal.
- Support 4 RS232 serial ports, the interface type are DB9, support full function of flow control.
- Support 4 RS422 serial ports, the interface type are 4 line terminal.
- Provide an extra Ethernet interface, can be used as switch and cascade.
- Provide two power input forms: terminal and DC plug, the input voltage is 9~24V.

## Description:

ITT-SC4763 High reliability, high performance 4 ports serial device server/Modbus gateway products, is the flagship product of multi-ports serial port server.

ITT-SC4763 is new generation of 4 ports serial device server developed by ITTelecom. Compared with ITT-SC4761, ITT-SC4763 is more cost-effective as it use the third generation hardware technology, and ITT-SC4763 support Modbus TCP to Modbus RTU Gateway function. Modbus Gateway support multi Modbus clients connecting and read data at the same time, as "multi-host" function. ITT-SC4763 support 4 RS232 serial ports, 4 RS422/485 ports, realize 4 ports simultaneous full-duplex working by connecting to ITT-SC4763 via a cable. It's the ideal choice of multi-serial ports networking.

ITT-SC4763 support extending to 8/12/16 ports through cascade Ethernet port, up to 32 serial ports.



## Hardware characteristics

- 1) All four serial ports support RS232, RS485 and RS422 serial ports.
- 2) The four serial ports can work independently in full duplex without interference, and can be configured with different baud rates.
- 3) Support network switch function of 2 network ports, can be used as switch at the same time.
- 4) Abundant indicator light, each serial port has a separate TCP connection indicator light and data activity indicator light.
- 5) ITTelecom patented products, leading technology. Patent No. ITT 2014 2 0108890.3.

## Software features

- 1) Support TCP server, TCP client, UDP mode, UDP multicast. Supports 10 TCP connections as a TCP server.
- 2) Baud rate support 1200 ~ 460800bps, data bit support 5 ~ 9 bit, check bit can be no check, odd check, even check, mark, space five ways, support CTS/RTS hardware flow control and XON/XOFF soft-flow control.
- 3) Support device connection to send MAC address function, convenient cloud management device.
- 4) Provide computer terminal search, configuration equipment secondary development kit DLL development library.

- 5) Support DHCP dynamic access to IP, DNS protocol connection domain name server address.
- 6) Support cloud remote search device, configuration device parameters.
- 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:

<ul style="list-style-type: none"> <li>• <b>Network Interface</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ Ethernet: 10/100 Mbps, RJ45</li> <li>➤ Protection: 2KV electrical plus protection</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Serial Interface</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ Port: RS-232/485/422</li> <li>➤ Serial Port: 4</li> <li>➤ Parity: None, Even, Odd, Space, Mark</li> <li>➤ Data Bite: 5 ~ 9</li> <li>➤ Stop Bit: 1,2</li> <li>➤ Flow Control: RTS/CTS,DTR/DCR, XON/XOFF</li> <li>➤ Baud Rate: 1200bps ~ 460800bps (Can be customized to 1M or 1.5M)</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Software</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ Protocol: TCP,HTTP,UDP,ICMP,ARP,IP,DNS,DHCP</li> <li>➤ Virtual Serial Port Platform: Windows 98/2000/XP/WIN7/WIN8</li> <li>➤ Configure Method: Web brower, ITTVirCom, serial like-AT command</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Mechanical Properties</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ Shell Material: Anti-electromagnetic material SECC steel plate</li> <li>➤ Size: L×W×H=9.4cm×6.5cm×2.5cm</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Power</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ Voltage Input: DC9 ~ 24V, 45mA</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Work Environment</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ Work Temp., Humidity: -30 ~ 85°C, 5 ~ 95% RH</li> <li>➤ Storage Temp., Humidity: -30 ~ 85°C, 5 ~ 95% RH</li> </ul>