

8Channel Serial to Ethernet converter

P/N: [ITT-MC4113](#)



The ITTELECOM 8channels serial servers (ITT-8SERIAL-ETH) are designed to make your industrial serial devices Internet ready in no time. The BD-8SERIAL-ETH device servers is the ideal choice for connecting your RS-232 or RS-422/485 serial devices—such as PLCs, meters, and sensors—to an IP-based Ethernet LAN, making it possible for your software to access serial devices from anywhere over a local LAN or the Internet. The user can configure the 8serial ports as RS232 or RS422 or RS485, which is very convenient for customer’s application and reducing cost.

The ITT-8SERIAL-ETH serial device servers ensure the compatibility of network software that uses a standard network API (Winsock or BSD Sockets) by providing TCP Server Mode, TCP Client Mode, and UDP Mode. This excellent feature preserves your software investment and lets you enjoy the benefits of networking your serial devices instantly.

The ITT-8SERIAL-ETH serial device servers support automatic IP configuration protocols (DHCP) and manual configuration via the handy web browser console. Both methods ensure quick and effective installation. And with the BD-8SERIAL-ETH’s Windows Utility, User can search the serial device servers of local LAN ,also can config ,manager and monitor working state.

- It uses embedded real-time operating system, It’s stable and reliable performance.
- It provides rich working mode to realize the serial devices connect to network immediately.
- It supports the Real com/TTY drive that is compatible with the original software system completely
- It has a general transparent transmission mode that is TCP Server, TCP Client and UDP.
- It supports Pair Slave/Pair Master Mode and reverse Telnet Mode.
- We can config and manage through Web browser or Telnet terminal.
- It supports a management software in Windows Platform, that provide a powerful management function.
- We are free to choose the RS232/RS422/RS485 serial type.
- It uses a 10/100M adaptive Ethernet port.
- It embeds 15KV ESD surge protection.
- The rate of serial communication is up to 460.8kbps

SERVICES:
Guaranteed Warranty



Specifications:

Application	<ul style="list-style-type: none"> ➤ Connect serial devices to server-based applications over an IP network ➤ Manage remote serial console ports over an IP network ➤ Virtual modem capability for modem-based applications
Ethernet Interface	<ul style="list-style-type: none"> ➤ Speed: 10/100Mbps rate ➤ full/duplex auto-negotiation ➤ Protocol: Support IEEE 802.3 RJ45 connector ➤ Magnetic Isolation Protection: 1.5 KV built-in
Serial interface	<ul style="list-style-type: none"> ➤ Software and hardware flow control RJ45 connector ➤ Terminal Block (3 pins per port) ➤ TX and RX activity indicators
Serial Communication Parameters	<ul style="list-style-type: none"> ➤ Data Bits: 5, 6, 7, 8 ➤ Stop Bits: 1, 2 ➤ Parity: None, Even, Odd, Space, Mark ➤ Baud rate: 110 bps to 460.8 Kbps
Serial Signals	<ul style="list-style-type: none"> ➤ RS-232: TxD, RxD, GND ➤ RS-422: Tx+, Tx-, Rx+, Rx-, GND ➤ RS-485-2w: Data+, Data-, GND
Software	<ul style="list-style-type: none"> ➤ Network Protocols: ICMP, IP, TCP, UDP, HTTP, ARP, ➤ Configuration Options: Built-in WEB server, ➤ Windows Virtual COM Drivers: Windows 2000/XP/2003/Vista/2008/7
Dimension	<ul style="list-style-type: none"> ➤ 183 x 88 x 30mm (LxWxH)
Environmental Limits	<ul style="list-style-type: none"> ➤ Operating Temperature: 0 to +50°C ➤ Storage Temperature: -40 to +85°C ➤ Ambient Relative Humidity: 5 to 95% (non-condensing)
Power supply	<ul style="list-style-type: none"> ➤ Input Voltage: 5 VDC, -48VDC, 110VAC and 220VAC (See Ordering Information) ➤ Power Consumption: <5 watts

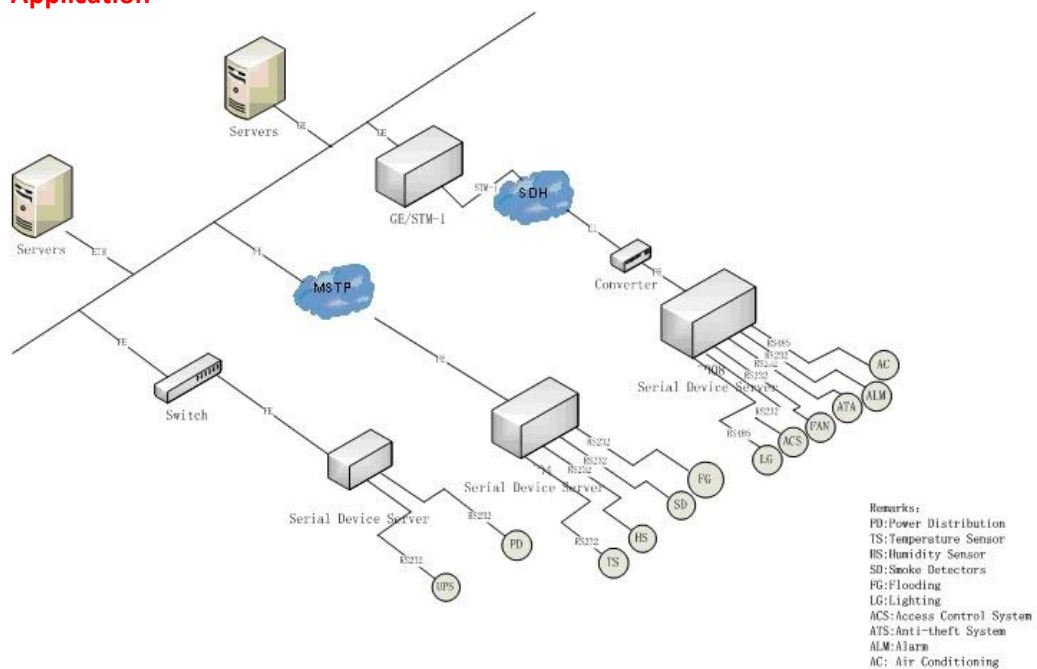
Ordering Information:

Model	Description
ITT-8SERIAL-ETH/AC	Serial to Ethernet converter, RS232/RS422/RS485 selectable, power AC220V
ITT-8SERIAL-ETH/DC	Serial to Ethernet converter, RS232/RS422/RS485 selectable, power DC48V

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Application



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