

## 2Channel Serial to Ethernet converter

P/N: [ITT-MC4112](#)



The ITTELECOM's Serial Server (ITT-2RS232-ETH, ITT-2RS485/422-ETH and ITT-2SERIAL-ETH) is the best choice for simple serial to Ethernet connectivity applications. Delivering a cost-effective solution in a compact size, the serial server offers flexibility making it ideal for applications that require an authentic serial connection across an Ethernet network.

The Serial server can implement the conversion between 2channel RS232/RS485/RS422 serial ports and 10/100M Ethernet ports, and two models are available: complete machine and embedded module. It can be extensively used for data collection of supervision and control system for power in machine room and base station of operators, automatic supervision and control for plant, automation of medical treatment and medicine, networking control of electromechanical instrument, networking control of attendance checking, networking control of security/access control and other occasions.

SERVICES:  
Guaranteed Warranty



**Specifications:**

<b>Application</b>	<ul style="list-style-type: none"> <li>➤ Connect serial devices to server-based applications over an IP network</li> <li>➤ Manage remote serial console ports over an IP network</li> <li>➤ Virtual modem capability for modem-based applications</li> </ul>
<b>Ethernet Interface</b>	<ul style="list-style-type: none"> <li>➤ Speed: 10/100Mbps rate</li> <li>➤ full/duplex auto-negotiation</li> <li>➤ Protocol: Support IEEE 802.3 RJ45 connector</li> </ul>
<b>Serial interface</b>	<ul style="list-style-type: none"> <li>➤ RS232 or RS422 or RS485 or Selectable RS232/RS422/RS485</li> <li>➤ Software and hardware flow control RJ45 connector</li> <li>➤ TX and RX activity indicators</li> </ul>
<b>Dimension</b>	➤ 113 x 108 x 30mm (LxWxH)
<b>Environmental Limits</b>	<ul style="list-style-type: none"> <li>➤ Operating Temperature: 0 to +55°C</li> <li>➤ Storage Temperature: -20 to +70°C</li> <li>➤ relative temperature:95% (uncondensed)</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>➤ working voltage range wide, good anti-disturb and Isolation, work stable</li> <li>➤ Power option: AC220V, DC48V, DC24V</li> <li>➤ Power Consumption: &lt;5 watts</li> </ul>

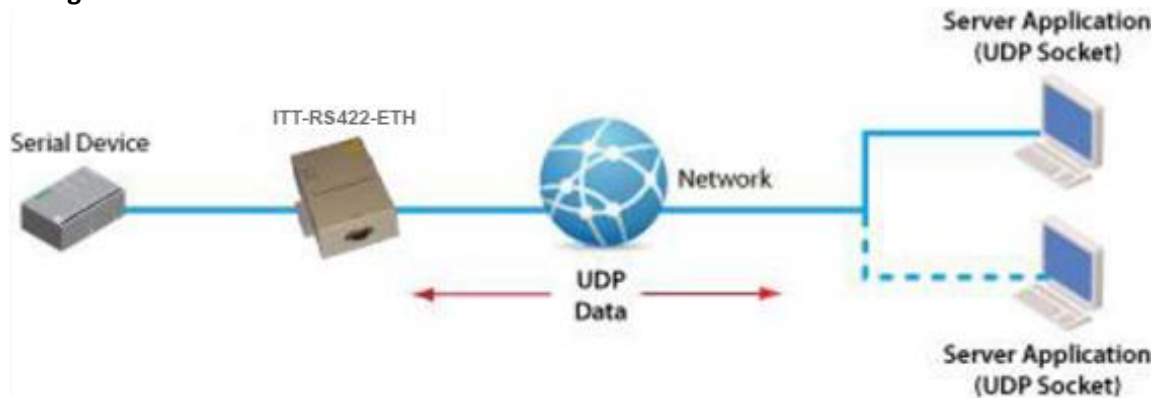
**Ordering Information:**

Model	Description
ITT-2RS232-ETH	Serial to Ethernet converter, 2channel serial RS232 to Ethernet, RJ45 connector, power AC220V
ITT-2RS485/RS422-ETH	Serial to Ethernet converter, 2channel serial RS422/RS485, RS485 and RS422 selectable, 10/100M Ethernet, terminal connector, power AC220V or DC48V or DC24V, rs485 port to be isolated with isolated power supply
ITT-SERIAL-ETH	Serial to Ethernet converter, 2channel 2RS232/RS485/RS422 to Ethernet, RS485 or RS422 or RS232 selectable, terminal connector, power AC220V

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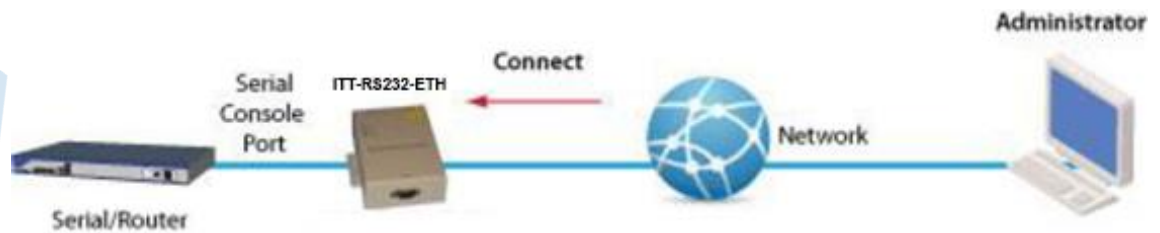


**Application:**  
Using Raw UDP Sockets



UDP based applications, convert serial equipment data for transport across UDP packets either on a point to point basis or shared across multiple devices.

**Console Server**



For access to remote console ports on routers, switches, etc, enable administrators secure access to these RS232 ports via inband Reverse Telnet or out of band with dial-up modems.

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