

Serial stream over IP Network STE-10

Serial Access Unit



The STE-10 Serial Access Unit is a low cost, compact, serial access server or terminal server for connecting asynchronous serial devices (RS-232) over Ethernet (10Base-T) using a TCP/IP protocol stack. The STE-10 may operate in either a client mode or as a server, allowing connection of a serial line directly over a LAN or WAN. Configuration may be performed either via the DB25 pin RS-232 port with an ASCII terminal or via Telnet and Ethernet connection to the RJ-45 LAN port. The serial port is DTE, which allows direct connection to DCE equipment such as Modems. For connection to other DTE equipment such as a PC, a NULL Modem or crossover cable is required.

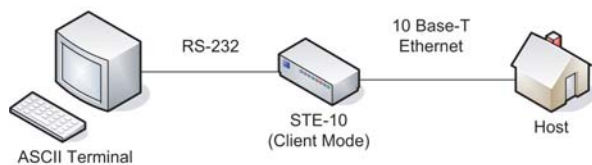
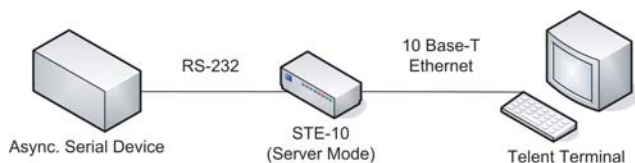
Features

- Complete TCP/IP protocol stack (OSI Network Layer 3)
- Low cost, compact design
- Operates in either server or client mode
- Provides packetization of serial data
- Serial connection over Ethernet

Specifications

Standard	IEEE802.3 10Base-T Ethernet	
Connector	RJ-45	
CPU	80188	
ROM/ RAM	256K Flash/ 256K DRAM	
Interface	EIA RS-232 Async serial, DB25M	
Baud Rates	1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200, 230400, 460800	
Data Length	5, 6, 7, or 8 bits	
Parity	None, Odd, or Even	
Stop Bits	1 or 2 bits	
Handshaking	None, RTS/CTS, or Xon/Xoff	
Flash ROM	Boot without network host; provision for easy software upgrades	
Protocols	TCP/IP, ARP, ICMP protocols	
Functions	Telnet/ Reverse Telnet	
Configuration	Telnet, ASCII terminal, or Remote Dial-in	
LEDs	PWR, LAN Link, Serial TD and RD	
Power	AC	12VAC
Environment	Temperature	0 — 50°C (Operating); -20 — 65°C (Storage)
	Humidity	0 — 90% non condensing
Power Consumption	50W	
Dimensions(WxDxH)	79mm x 135mm x 25mm	
Weight	150g	
Compliance	FCC, CD	
MTBF	TBA	

Application



Ordering Info

STE10	Serial-10-Ethernet, server 10 BaseT/ RJ45 to RS232 Serial interface/ DB25
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