

Overview

Low Cost Serial to Ethernet Converter, 2-in-1RS-232/USART interface, both serial ports are independent and may be used simultaneous.

The Serial-to-Ethernet (S2E) module is a simple add-on product that provides serial to Ethernet communications. Existing systems that lack Ethernet connectivity but have a UART or RS-232 port can be easily upgraded by the addition of the S2E module. A web server supports module configuration from any web browser.

Features

- Two serial ports, configured as data communication equipment (DCE).
- Include RTS/CTS for flow control.
- PORT0 has RS-232 levels, transceiver runs at up to 250 Kbits/sec.
- PORT1 has CMOS/TTL levels, can run at 1.5 Mbits/sec.
- Both serial ports are independent and may be used simultaneously.
- IP configuration with static IP address or DHCP.
- Raw and Telnet protocol support for access to serial port.
- Web server for module configuration.
- Multi-port virtual com port software for Windows.
- Universal Plug and Play (UPnP) for device discovery.
- Module supports 5 V and 3.3 V supplies.
- Protocols include ARP, IP / PPP, ICMP, UDP, TCP, HTTP, DHCP, Telnet.

Specifications

Parameter Name	Min	Normal	Max	Unit
5 V operation	4.5	5	5.5	VDC
3.3 V operation	3	3.3	3.6	VDC
SER0 transceiver data rate			250	Kbits/sec
SER1 UART data rate			1500	Kbits/sec
Ethernet Data Rate			100	Mbits/sec
Supply Current			200	mA
Operating Temperature Range	0		70	°C
Storage Temperature Range	-25		85	°C
Digital I/p Low Level I/p Voltage	-0.3		1.3	VDC
Digital I/p High Level I/p Voltage	2.0		5.0	VDC

Sales and Enquiry

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