



Serial to Ethernet Converter

■ ■ ■ USC520

■ ■ ■ RS232&RS485&RS422 to Ethernet

- Modbus Gateway function, support modbus TCP to Modbus RTU in bi-direction, work as master/slave.
- Virtual COM ports connect PC/servers to remote serial devices over Ethernet
- Up to 8 simultaneous clients when act as TCP Server.
- Support network printing via IP address.
- HTTPD Client and Websocket function available.
- Two serial port,each port can be work as RS232/RS485/RS422 and can be used individually.
 - Reload button, a key restore default Settings.
- Unique global MAC address,defined MAC address is available.
- Support DNS & DHCP, automatically access IP
- One port corresponding to two socket.
- Modbus TCP to Modbus ASCII, Modbus Polling.



Specifications

System Information

Processor	Cortex-M4
Basic Frequency	120MHz
Flash	512K byte

Ethernet

Port Number	1
Interface Standard	8 pin RJ45
Rate	10/100 Mbps auto-detection, MDI/MDIX
Receive Buffer	Max 16k bytes buffer
Network Protocol	IP, TCP, UDP, DHCP, DNS, HTTP, ARP, ICMP, Web socket, HTTPD Client
Protection	2KV electromagnetism isolation shell insulation blocking
Auto MDI/MDIX	Yes

Serial

Ports	2-ports
Interface	RS-232*1, 9-pin D-sub RS-485*1, 2 wire (A+, B-) RS422*1, (A,B,Y,Z)
Baud Rate	600 bps ~ 230.4K bps
Data Bits	5, 6, 7, 8
Stop Bit	1, 2
Check Bit	None, Even, Odd, Space, Mark
Buffer	Send and receive 2k bytes respectively
Protection	RS-485: 2KV ESD, lightning protection
Resistor	RS-485 Pull-up and Pull-Down: 2.2 KΩ

Software

Virtual Serial	Windows 2000 or higher (32 bit/64 bit)
Configuration	Webpage/ Set-up software/ Serial command

Basic Parameter

Dimensions	150 x 79 x 30 mm (including shell and terminals)
Operating Temp.	-40 ~ 85°C
Storage Temp.	-40 ~ 85°C, 5 ~ 95% RH

Power

Input	DC 5 ~ 36V adapter or terminal pin
Working Current	90mA @5V
Consumption	<1W

Accessories

Power Adapter	5V1A power supply
Adapter	RS232 to RS485/RS422 convertor

More

Certificate	CE, FCC, ROHS
Warranty	1 year