USR IOT
Be Honest, Do Best !

USR-DR302

Single RS485 to Ethernet converters,which can transmit data transparently between TCP/IP and RS485. RS485 to TCP IP is widespread required in industrial automation. USR-DR302 is a Din Rail RS485 to Ethernet Converter, which can transmits data transparently between TCP/IP and RS485. Via web-page or software, rs485 to Ethernet Converter can realize serial data and TCP/IP data package transparent transmission.

- Simple configuration and easy to use
- Compact, Light Weight
- Supports TCP server/client, UDP server/client, Virtual COM
- RS485 Port, Industrial Grade
- Standard DIN-rail mounting
- Modbus RTU to Modbus TCP

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Specifications

Hardware

Work Voltage	DC 5.0 36.0 V
Work Current	130mA@5V
Ethernet Port	RJ45,10/100Mbps
Serial Port Baud Rate	600-460.8K bps

Software

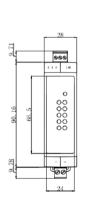|	
Net Protocol	IPV4, TCP/UDP, ARP, ICMP, IPV4
Ip Access way	Static IP, DHCP
DDNS	supports
User configuration	Software configuring and webpage configuring AT command
Transmit way	TCP server, TCP client, UDP server, UDP client
Similar RFC2217	support
HTTPD client	support
TCP server	At most support 8 TCP client to connection
Net buffer	Send:16Kbyte; receive:4Kbyte
Serial buffer	receive:1Kbyte
Average delay	<10ms
Related software	USR-VCOM, USR-cloud, set-up software
Packaging mechanism	4 bytes packaging time, 1024 bytes length

Others

Certification	CE, FCC, ROHS
Protection	1.5KV electromagnetic isolation
Dimension	71.0*60.0*25.0mm(L*W*H)
Operating Temp	-40 +85°C
Storage Temp	-40~105°C
Operating Humidity	5 95%RH
Storage Humidity	5 95%RH
Packaging	Electrostatic bubble

Diagram 3-1 Dimension