

# Mport3208-I

## 8-port RS485/RS422 Serial to Ethernet Server

### Product Description

Mport3208-I industrial serial server have the characteristics of anti-lightning, anti-electromagnetic interference, high reliability and high performance, and are suitable for use in harsh environments. It mainly realizes data transmission between multiple serial ports RS485/422 and Ethernet. It integrates TCP/IP protocol stack, and the device serial port can be flexibly configured into RS485/422 mode through WEB webpage, making it impossible to access the Internet. The RS2485/422 device can also be easily, flexibly and quickly connected to the Ethernet.



### Features:

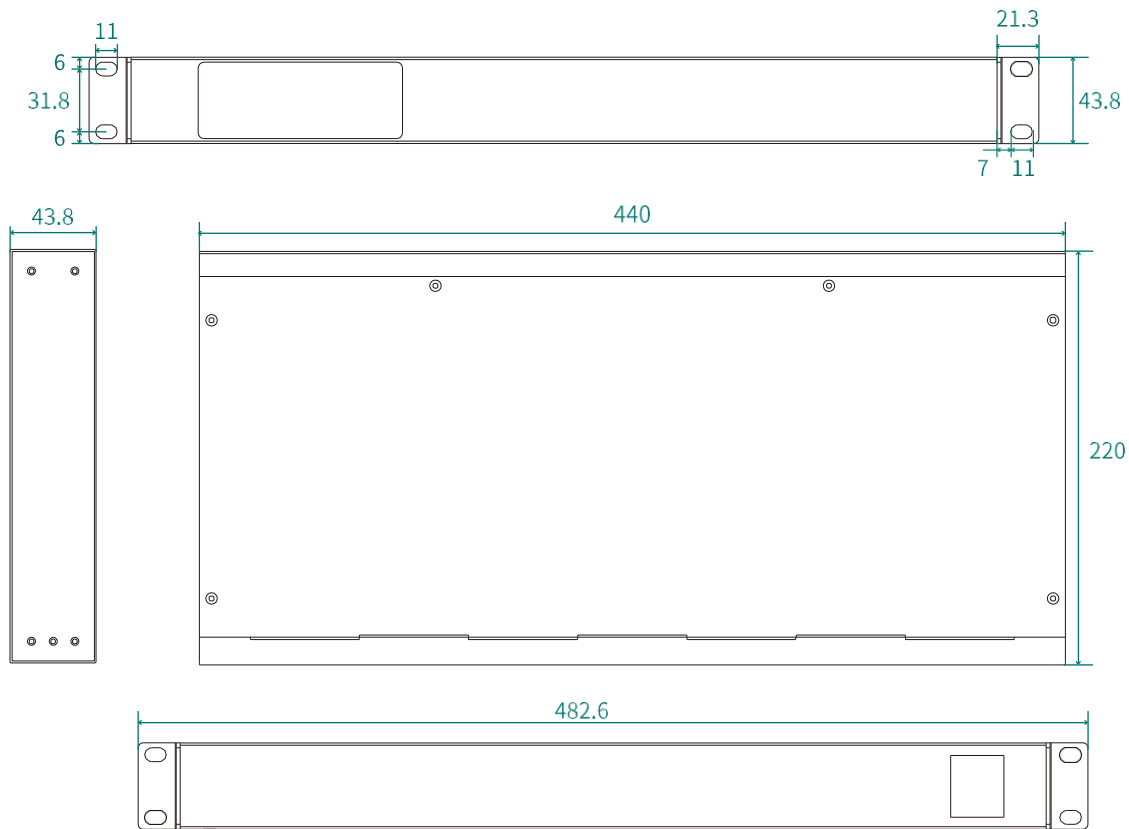
- Adopt 32-bit Arm Cortex-A8 core CPU
- Up to nearly 800MHz frequency
- External independent hardware watchdog design to prevent crashes
- Ethernet port: common mode  $\pm 6KV$ , differential mode  $\pm 4KV$  lightning protection,
- RS485/RS422 interface: up to  $\pm 4KV$  surge protection
- Power supply:  $\pm 4KV$  common mode,  $\pm 2KV$  differential mode surge protection
- 85 to 264VAC or 120 to 370VDC power input
- With anti-reverse protection
- Meet the industrial temperature range of  $-40^{\circ}C \sim +85^{\circ}C$

## Product Specifications

Power Supply	
Operating Voltage	85~264VAC or 110~370VDC
Power consumption	4.5W@AC220V
Type of Network port	10/100Mbps, RJ45 interface, adaptive MDI/MDIX
Isolation Protection	1.5KV isolation protection
Serial Port	
Number of serial ports	8*RS485/422
Parameter	600~460800(bps); 1/2 stop bit; 7/8 data bit; Three validation methods: None/Odd/Even
Reliability	
ESD	±8kV(contact) ±15kV(air)
Surge	Power supply: ±4kV/common mode ±2kV/differential mode
	RS485/422: ±4kV/common mode ±4kV/differential mode
	Network port: ±6kV/common mode ±4kV/differential mode
EFT	Power supply: ±4kV, Communication port: ±4kV
Isolation voltage	2KVAC/3KVDC
Working Environment	
Working Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C
Ambient Humidity	5%~95% RH (no condensation)
Physical Characteristics	
Shell	metal shell
Installation	rack mount installation
Dimension	440x210x44 (mm)
Software Parameters	
Network protocol	IPv4, IP, TCP/UDP, ARP, ICMP, DHCP, DNS, HTTP, RFC2217, NTP
IP obtaining method	Static IP, DHCP
DNS	Support
User configuration	Web configuration

Simple transparent transmission method	TCP Server/TCP Client/UDP Client/UDP Multicast/ RealCOM/ Pair Connection
Modbus	Modbus RTU/ASCII to Modbus TCP
Serial port packaging mechanism	Time and length can be set;
	the default value changes according to the baud rate;
	the maximum packing length is 1460 bytes
TCP server connection	Support up to 8 TCP connections
Network cache	Send: 16Kbyte; Receive: 16Kbyte;
Serial buffer	Send: 1.5Kbyte; Receive: 1.5Kbyte;
Heartbeat package	Support TCP Keepalive mechanism, custom heartbeat packet content
Registration package	Customize the contents of the registration package
RFC2217	Support
Average transmission delay	<10ms
Supporting software	Management software
<b>Warranty</b>	
Warranty	5 Years
<b>Certification</b>	
Certification	CE, FCC, RoHS

## Dimensional drawing



## Ordering Information

<p>Mport3208-I-AD220</p>	<p>8 RS485/422 terminal block to 2 10/100M Ethernet port rack-mounted isolated serial port server, single-channel AC85-264V/DC110~370V isolated power supply, rack-mounted installation. The power supply, network port, and each serial port are fully isolated with an isolation voltage of 3000VDC. Standard configuration includes a power cord, a network cable, and a metal shell.</p>
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