

# Mport3232-2AD220

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

### Product Description

Mport3232-2AD220 serial port server is a serial port network communication product developed for high-end customers. Through it, users can access the serial port terminal anywhere in the Internet to realize the serial device data transmission application extension function. Mport3232-2AD220 has high level ESD,surge and EFT protection on power.ethernet port and serial port. It has two independent IP addresses, supports multiple application modes, and supports TCP server mode, TCP client mode, UDP mode, couplet mode, reverse terminal mode and other working modes, allowing user software to pass. Standard web application interfaces (winsock BSD sockets) access serial devices, support COM and TTY drivers in real serial mode.



### Features:

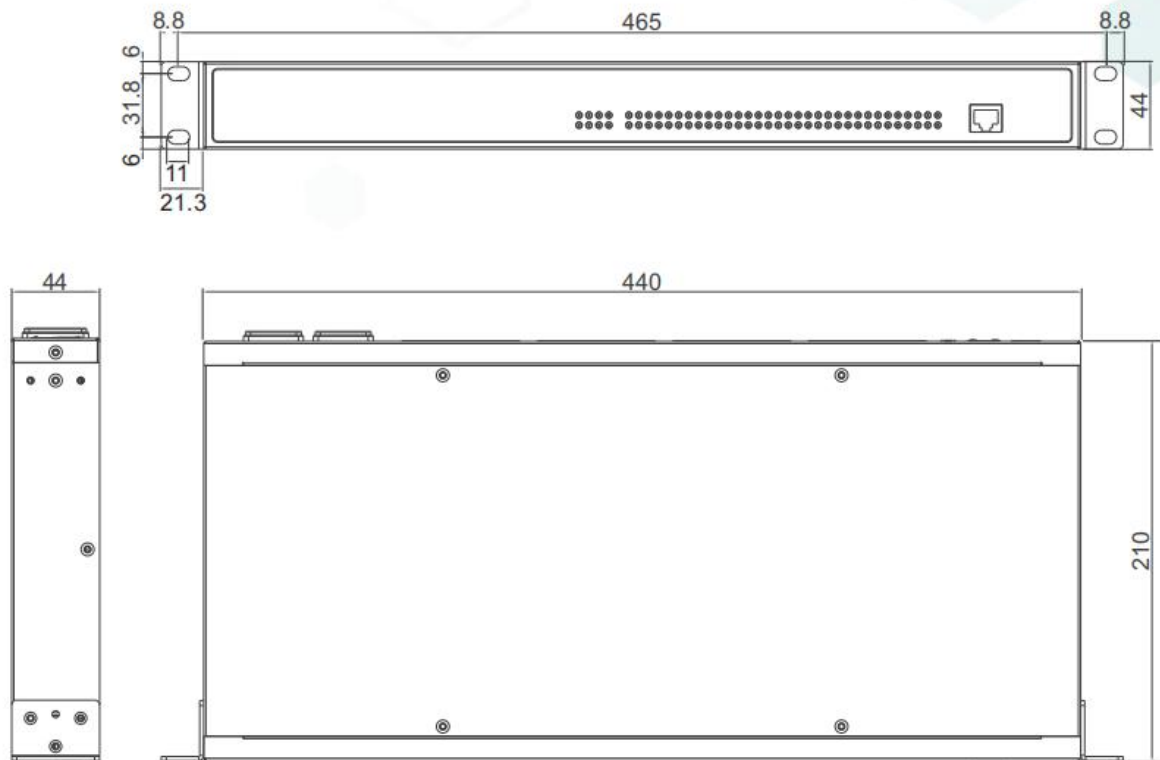
- 2x100/1000M combo ports.
- 32 independent RS232/485/422 serial ports ,which can be configured as different modes and baud rates
- Adopt 32-bit Arm Cortex-A7 core CPU, which up to 1000MHz main frequency.
- External independent hardware watchdog design to prevent crashes
- Ethernet interface up to 6KV lightning protection; RS232/485/422 interface up to 4KV surge protection
- Meet the industrial temperature range of -40°C~+75°C

## Product Specifications

Power Supply	
Operating Voltage	85~264VAC or 110~370VDC
Power consumption	16.2W@AC220V
Network port	
Type of Network port	10/100/1000Mbps photoelectric multiplexing port, Optical port can be configured with 100/1000Mbps
Isolation Protection	1.5KV isolation protection(Electrical interface)
Serial Port	
Number of serial ports	32*RS232/485/422 with RJ45 interface
Parameter	300~460800(bps); 1/2 stop bit; 7/8 data bit; Three verification methods: None/Odd/Even
Reliability	
ESD	±8kV(contact) ±15kV(air)
Surge	Power supply: ±2kV/common mode ±2kV/differential mode
	RS485/422: ±4kV/common mode ±4kV/differential mode
	RS232: ±4kV/common mode
	Network port: ±6kV/common mode ±2kV/differential mode
EFT	Power supply: ±4kV, Communication port: ±4kV
Working Environment	
Working Temperature	-40°C~+70°C
Storage Temperature	-40°C~+85°C
Ambient Humidity	5%~95% RH (no condensation)
Physical Characteristics	
Shell	metal shell
Installation	rack mount installation
Dimension	440×210×44 (mm)
Software Parameters	
Network protocol	IPv4,IP,TCP/UDP,ARP,ICMP,DHCP,DNS,HTTP,RFC2217,NTP,SNMP,S SH
IP obtaining method	Static IP, DHCP
DNS	Support

User configuration	Web page configuration/CONSOLE port simple network parameter configuration
Simple transparent transmission method	TCP Server/TCP Client/UDP Client /UDP Multicast/ RealCOM
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: 2Kbyte; Receive: 2Kbyte;
Heartbeat package	Support TCP Keepalive mechanism, custom heartbeat packet content
Registration package	Customize the contents of the registration package
RFC2217	Support
WebSocket Client	Support
RealCOM	Support Maiwe,Moxa and Kanghai working mode.
Average transmission delay	<10ms
Supporting software	Vitualcom software
<b>Warranty</b>	
Warranty	5 Years
<b>Certification</b>	
Certification	CE, FCC, RoHS

## Dimensional drawing



## Ordering Information

<p>Mport3232-2AD220</p>	<p>32-way RJ45 interface RS485/422 serial port to 2x10/100/1000M Ethernet photoelectric multiplexing port. dual-channel AC85-264V/DC110~370V isolated power supply,</p>
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