

Cport3208-RJ-AD220

8×RS232/422/485 Ports Rack Mount Serial to Ethernet Converter



- 8 × RS232/422/485 ports to 2 × 10/100 Mbps Ethernet ports
- Serial ports are switched by dial code, default RS232. Each port can use its own mode independently
- 64MB built-in RAM, 16MB Flash, high speed
- TCP Server, TCP Client, UDP Client, UDP Server, HTTPD Client work modes
- Support VCOM
- Support Modbus TCP to Modbus RTU conversion
- Hardware watchdog design, never crash in 24 hours
- AC85~265V wide power input voltage
- High-strength metal shell with IP40-rated housing protection
- Fanless heat dissipation design, -40 °C ~ +85 °C working temperature range

Product Description

Cport3208-RJ-AD220 is an industrial 8-port serial device server for reliable and high-speed serial-to-Ethernet conversion. It features 8 × serial ports supporting RS232, RS485, and RS422, and 2×10/100Mbps Ethernet ports with Auto-MDI/MDIX. Each port operates independently, with RS232 as default and easy switching to RS485/422 via a dial.

Powered by an ARM9 processor with 64MB RAM and 16MB Flash, this serial server from COME-STAR supports TCP/UDP Server/Client, HTTPD Client, and Modbus TCP to Modbus RTU. Each port can connect to two servers simultaneously in client mode, supporting up to 16 TCP clients.

Cport3208-RJ-AD220 offers remote web configuration, monitoring, firmware upgrade, VPN, DDNS, real-time clock, network time synchronization, and a task scheduler for flexible industrial applications.

Built for harsh environments, it provides hardware watchdog, EMC protection, EFT and ESD safeguards, IP30 protection, and operates from -40~85° C. With AC 85~265V input and 1.6W consumption, it ensures stable, transparent bi-directional communication for PLCs, sensors, and other serial devices.

Product Features

- 2 × 10/100Mbps Ethernet ports with Auto-MDI/MDIX
- Support static IP and DHCP
- 8 × serial ports, each support RS232, RS485, and RS422
- Each serial port can be configured independently; no unified mode is required
- Support TCP Server, TCP Client, UDP Server, UDP Client, and HTTPD Client
- Each serial port supports dual sockets in TCP client mode
- Allow each serial port to send data to two different servers simultaneously
- Support up to 16 TCP client connections when operating as TCP client
- Support Modbus TCP to Modbus RTU protocol conversion
- Support Keep-alive and registration packet mechanisms
- User-defined connection timeout and no-data auto reload
- Support hardware and software reboot
- Unique and user-modifiable MAC address
- Support DNS domain name resolution and user-defined DNS server
- Support remote monitoring and remote firmware upgrade
- Support web-based configuration
- Support V-COM (virtual serial port)
- Support network time synchronization and built-in RTC real-time clock
- Support user-defined task scheduler
- Operate across gateways, switches, and routers
- Suitable for LAN and external network environments

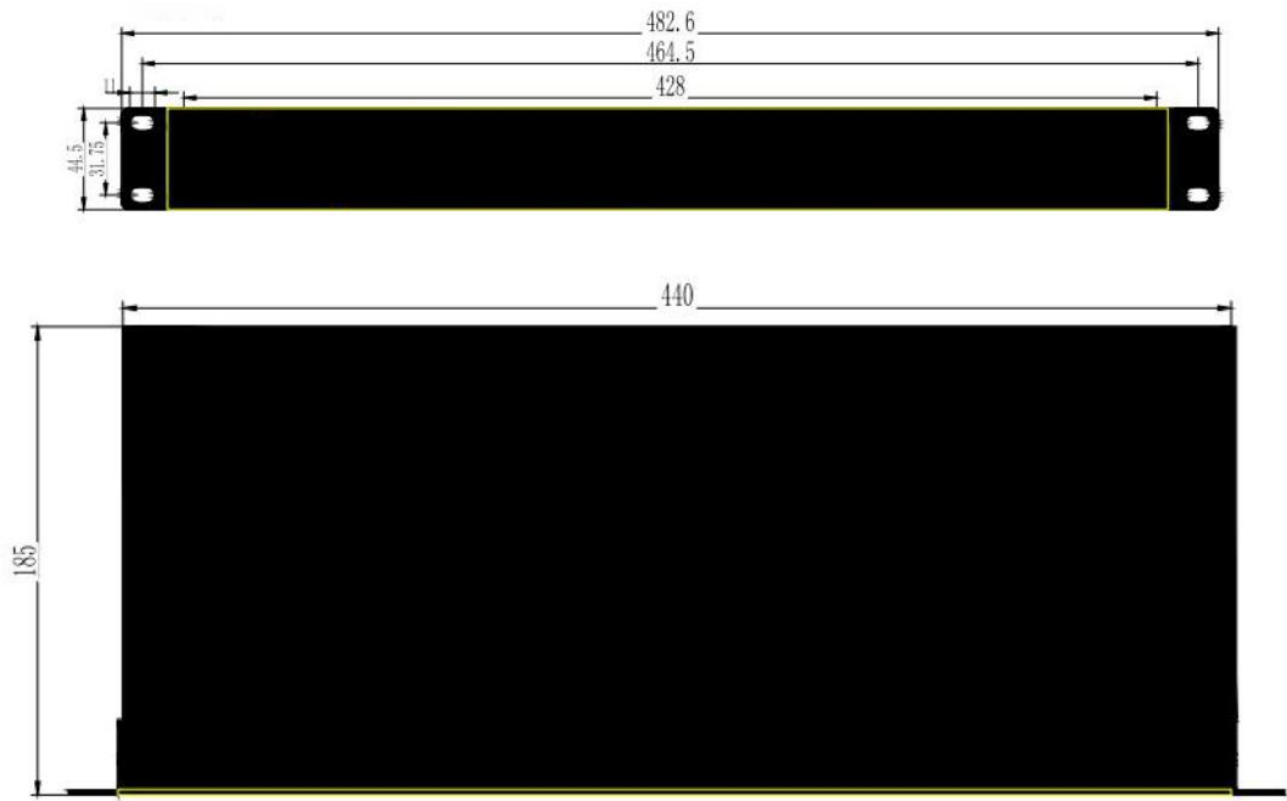
Technical Specifications

Item	Parameters	Value
Hardware	Work Voltage	AC 85~265 V, 50/60Hz
	Power Consumption	1.6W
	Ethernet	RJ45, 10/100Mbps
	Number of Ethernet Port	2
	Serial Port Format	RJ45
	Number of Serial Port	8 Ports
	Baud Rate	300~115200 bps
Software	Network Protocol	IP, TCP/UDP, ARP, ICMP, IPv4, HTTPS
	IP	Static IP、DHCP
	DNS	Supports user defined
	Configuration	Software, Webpage, AT command
	Transparent transmission	TCP Server/TCP Client/UDP Server/UDP Client/ httpsd Client
	Class RFC2217	Support
	Network Cache	10Kbyte
	Serial port Cache	10Kbyte
	Average transmission delay	≥ 50 ms
	Software	VCOM, Setup Software, Test program
	Packaging mechanism	50ms packing time, 1472 bytes packing length

Others	Certificate	CE/RoHs
	Reliability grade	EN61000-4-2(static electricity) Grade 4 EN61000-4-4(pulse group) Grade 4 EN61000-4-5(surge) Grade 3
	Shell Protection	IP30
	Size	482×185×45 mm
	Work Temp	-40~85℃
	Storage Temp	-40~105℃
	Work Humidity	5%~95% RH
	Storage Temp	5%~95% RH

Dimensions

Unit: mm



Ordering Information

Standard Model	100M Copper Port	RS232/422/485	Input Voltage
Cport3208-RJ-AD220	2	8	AC85~265V



Contact Us

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