

CP202-2CI

2-Port CAN-Bus to 10/100M Ethernet

Industrial CAN-Bus Device Server

Features

- Support IEEE802.3, IEEE802.3u
- Support TCP Server, TCP Client and UDP working mode
- Support ARP, ICMP, UDP, TCP, IP, HTTP, DHCP and DNS protocol
- Support 10Base-T/100Base-TX auto speed control, Half/full duplex and MDI/MDI-X auto detect
- Support 2 Port CAN-Bus
- Support CAN-Bus baud rate 5K~1000Kbps
- Support across gateway, router communication
- Support static and dynamic IP access
- Support the heartbeat time and disconnect timeout function
- Support the automatic recovery function in the network connection is disconnected
- Support CAN-Bus port segment frame setting, to meet user message demand segmentation
- Support power input 9V ~ 24VDC, connection reverse protection function
- Industrial grade design, -40~75°C work temperature
- IP30 protection grade, wall mounting



Introduction

CP202-2CI is an industrial grade CAN-Bus server which supports two CAN-Bus ports and a Fast Ethernet port. The user can easily complete the interconnection of CAN-Bus network and Ethernet network, to further expand the scope of CAN-Bus network. The CAN-Bus port communication rate 5K~1000Kbps has three operating modes of the TCP Server, TCP Client and UDP, support the most three connection, support across

gateway, router communication, is convenient for user to visit the IP address or domain name and other functions. The host through the network centralized management, simple and convenient. It can be widely used in PLC control and management, building automation, healthcare automation system, the measurement instrument and dynamic environment monitoring system.

Specification

Ethernet

Standard: 10/100Base-T(x)
Speed: 10/100M auto-sensing
Signal: Rx+, Rx-, Tx+, Tx-
Protocol: ARP, ICMP, UDP, TCP, IP, HTTP, DHCP, DNS
Working: Full-duplex and half duplex
Working mode: TCP Server, TCP Client, UDP
Transmission: 100m
Connector: RJ45

CAN-Bus

Standard: CAN2.0A, CAN2.0B
CAN-Bus port number: 2
CAN-Bus signal: CAN-L, CAN-H
Band rate: 5K~1Mbps

Working mode: 2 wires, half duplex
Transfer distance: 40m~10Km
Load capacity: support 110 concurrent

LED indicator

Run indicator: RUN
Interface indicator: LINK
Power supply indicator: PWR
100M Speed indicator: SPEED
CAN-Bus port indicator: CAN1, CAN2

Power

Power input: 9~24VDC
Type of input: 4 bits terminal block
Load consumption: 1.5W@12VDC
Support reverse connection protection

Mechanical Structure

Shell: IP30 protect grade, metal shell

Installation: Wall mounts

Weight: 253g

Size (WxHxD): 94mmx70.6mmx26mm

Working environment

Working temperature: -40~75°C

Storage temperature: -40~85°C

Relative Humidity: 5%~95 % (no condensation)

Industry Standard

EMI: FCC Part 15, CISPR (EN55022) class A

EMS: EN61000-4-2 (ESD), Level 3

EN61000-4-4 (EFT), Level 4

EN61000-4-5 (Surge), Level 2

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

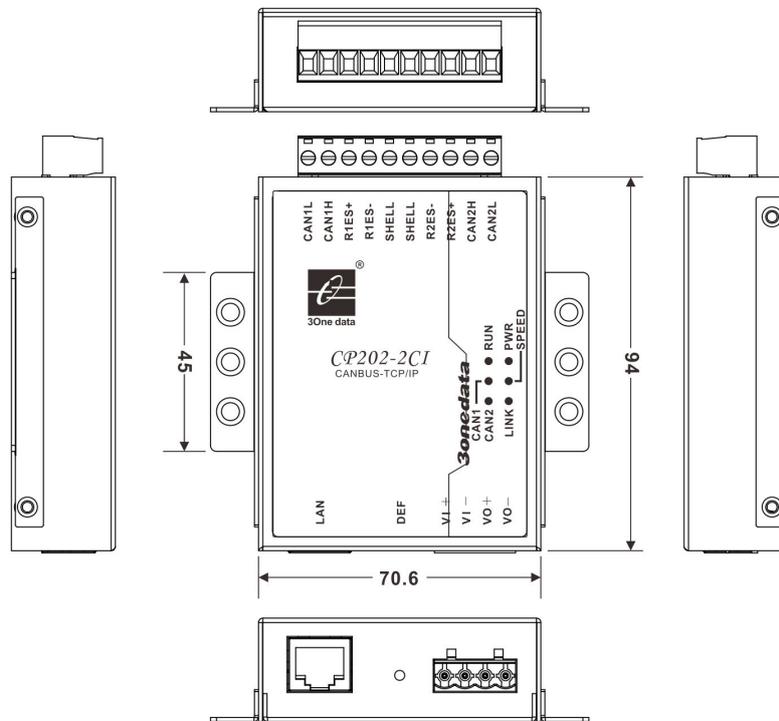
Certification

CE, FCC, RoHS, UL508 (Pending)

Warranty: 3 years

Dimension

Unit (mm)



Ordering Information

CP202-2CI: 2-port CAN-Bus to Ethernet (10M/100M), DC9~24V, wall mounting

Packing List

1. Industrial CAN-Bus Device Server (plus terminal block) × 1
2. Documentation and software CD × 1
3. User manual × 1
4. Wall mounting ears × 2
5. Warranty card × 1
6. Terminal resistance 120Ω × 2

Optional accessories:

DIN-Rail Mounting Kit (35mm) × 2