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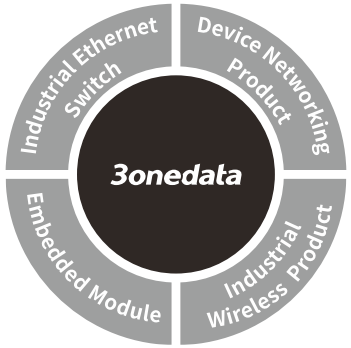
Make network communication more reliable

CP202-2CI
CAN Server
Quick Installation Guide



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【Package checklist】

Please check the integrity of package and accessories while first using the switch.

1. CAN server X1 (with wiring terminal block)
2. Certification
3. Wall mounting accessories
4. Manual
5. CD
6. Warranty card

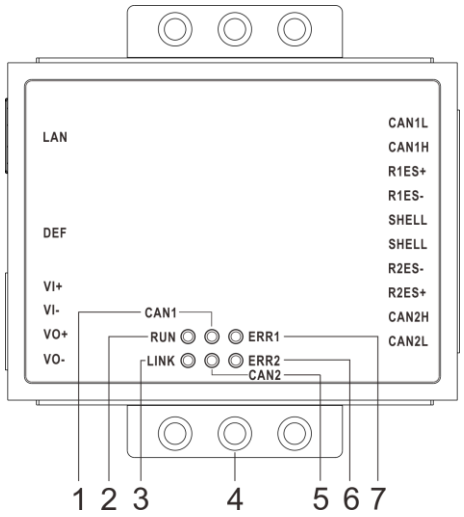
If any of these items are damaged or lost, please contact our company or dealers, we will solve it asap.

【Products Overview】

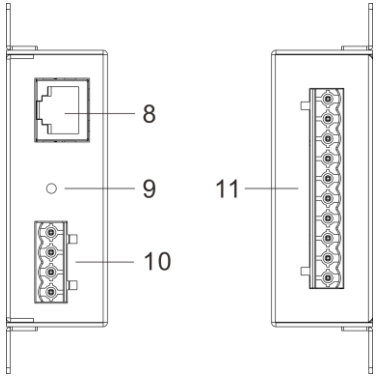
CP202-2CI is a CAN server, the model is CP202-2CI (2-way CAN bus ports to 1-way 10/100 Base-T(X) converter).

【Panel design】

➢ **Front view**



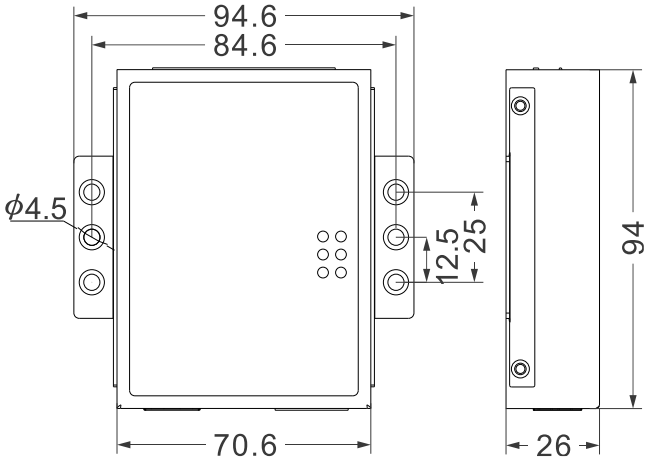
➢ **Left view and right view**



1. CAN status indicator CAN1
2. System running indicator RUN
3. Network connection indicator LINK
4. Lugs
5. CAN status indicator CAN2
6. Indicator ERR2
7. Indicator ERR1
8. Ethernet RJ45 port
9. Restore default settings DEF
10. Power input terminal block
11. CAN wiring terminal block

【Mounting Dimension】

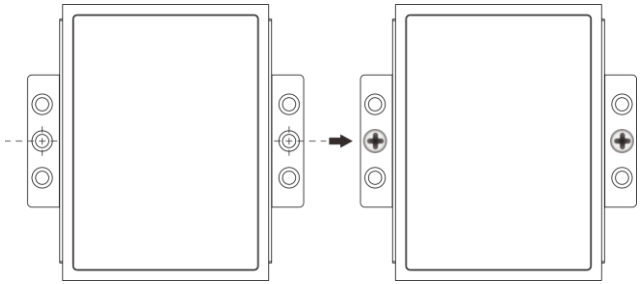
Unit (mm)



【Wall-mounted Device Mounting】

Step 1 Place the CAN server on the wall as reference or reference installation dimension; label the bolt position on the wall.

Step 2 Hang the CAN server on the labeled wall; align the bolt to the labeled position, then screw the bolt to enhance stability, installation ends.



Note:

1. Don't place or install the device in area near water or moist, keep the relative humidity of the device surrounding between 5%~95% without condensation.
2. Before power on, first confirm the supported power

supply specification to avoid over-voltage damaging the device.

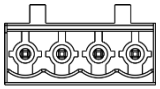
【Wall-mounted Device Disassembling】

Step 1 Screw out the bolt in the wall.

Step 2 Lift the device outward slightly; take out the device, disassembling ends.

【Power Supply Connection】

➢ **DC power supply**

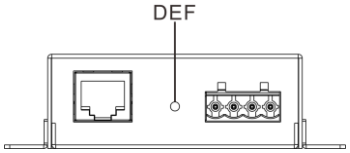


The device supports 1-way DC power input (VI+, VI-), 4-pin 5.08mm pitch industrial wiring terminal blocks, another terminal block (VO+, VO-) is reserved. Power supply range: 9～24VDC.

Note:

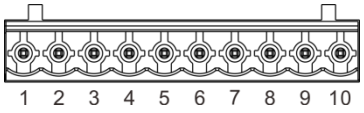
1. Power ON operation: First insert the power supply terminal block into the device power supply interface, and then plug the power supply plug contact and power on.
2. Power OFF operation: first unpin the power plug, then remove the terminal block wiring part, please note the operation order above.

【Restore Default Settings】



DEF is restoring default settings button. Restoring default settings steps as follows: Press and hold the DEF button, disconnect the power supply and then give the device to power up, wait for about 3~4 seconds to restore the factory settings.

【CAN Port Connection】



The device has 2-way CAN-Bus Ports, 10 pins, 1~5 pin are the first CAN port, 2~10 pin are the second CAN port. CAN-Bus Port adopts 10 bits 5.08mm pitch industrial wiring terminal block, and pin define as follow.

NO.	Name	Description
1	CAN2L	CAN2 port CANL Signal
2	CAN2H	CAN2 port CANH Signal
3	R2ES+	CAN2 port Terminal Resistor Connector (built-in 120Ω terminal resistor, direct connection)
4	R2ES-	
5	SHELL	Shell Ground
6	SHELL	Shell Ground
7	R1ES-	CAN1 port Terminal Resistor Connector (built-in 120Ω terminal resistor, direct connection)
8	R1ES+	
9	CAN1H	CAN1 port CANH Signal
10	CAN1L	CAN1 port CANL Signal

【LED Indicator】

The device provides LED indicators to monitor the device working status with a comprehensive simplified troubleshooting; the function of each LED is described in the table as below:

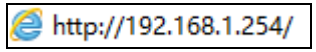
LED	State	Description
LINK	ON	LAN port connection is active
	Blinking	LAN port is in network active status
	OFF	LAN port connection is inactive
RUN	Blinking	System is running normally
	OFF	System is not running or running abnormally
	ON	System is running abnormal
ERR1	ON	CAN1 port work appears fault
	OFF	CAN1 port is working normally
ERR2	ON	CAN2 port work appears fault
	OFF	CAN2 port is working normally
CAN1	OFF	CAN1 port without data transmission or data transmission abnormal
	Blinking	CAN1 port exists data transmission
CAN2	OFF	CAN2 port without data transmission or data transmission abnormal
	Blinking	CAN2 port exists data transmission

【Logging in to WEB Interface】

This device supports WEB management and configuration. Computer can access the device via Ethernet interface. The way of logging in to device's configuration interface via IE browser is shown as below:

Step 1 Configure the IP addresses of computer and the device to the same network segment, and the network between them can be mutually accessed

Step 2 Enter device's IP address in the address bar of the computer browser.



Step 3 Enter device's username and password in the login window as shown below.

Step 4 Click “OK” button to login to the WEB interface of the device.

Note:

- The default IP address of the device is “192.168.1.254”.
- The default username and password of the device is “admin”.
- If the username or password is lost, user can restore it to factory settings via device DIP switch or management software; all modified configurations will be cleared after restoring to factory settings, so please backup configuration file in advance.
- Please refer to user manual for specific configuration method of logging in to WEB interface and other configurations about network management function.

【Specification】

Panel	
10/100 Base-T(X)	10/100 Base-T(X) self-adapting RJ45 port, full duplex or half duplex self-adapting, support MDI/MDI-X self-adapting
CAN port	The second CAN port, 10-pin 5.08mm pitch industrial wiring terminal blocks
Indicator	Connection indicator, run indicator, ERR indicator, CAN indicator
Power supply	
Input power supply	9 ~ 24VDC
Access terminal block	4 bits 5.08mm pitch industrial wiring terminal blocks
Consumption	
No-load consumption	1.0W@12VDC
Full-load consumption	1.1W@12VDC
Working environment	
Working temperature	-40℃～75℃
Storage temperature	-40℃～75℃
Working humidity	5%～95% (no condensation)
Protection grade	IP40 (metal shell)