PISO-CAN/PEX-CAN/PCM-CAN
Quick Start

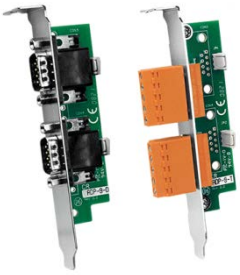
v2.01, Aug 2025

Packing List

In addition to this guide, the package includes the following items:



PISO-CANxxxU-D/T
Or PEX-CANxxxi-D/T
Or PCM-CANxxx-D/T



ADP-9-D/T
(for PISO-CAN400U-D/T)



CA-4037W and
CA-4002 * 2
(for PISO-CAN800U-D)

Technical Support

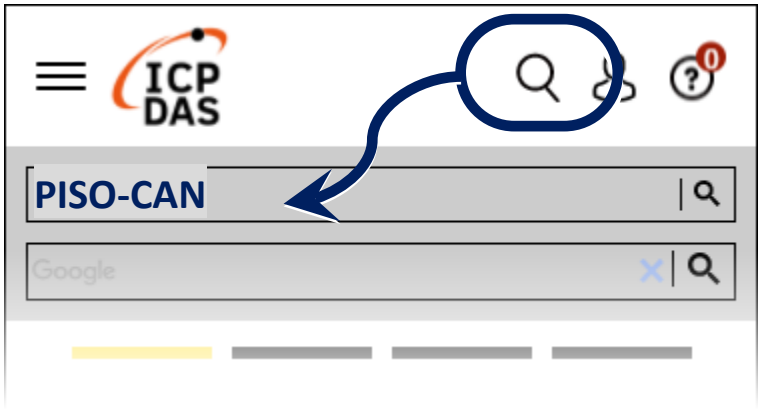
service@icpdas.com

www.icpdas.com

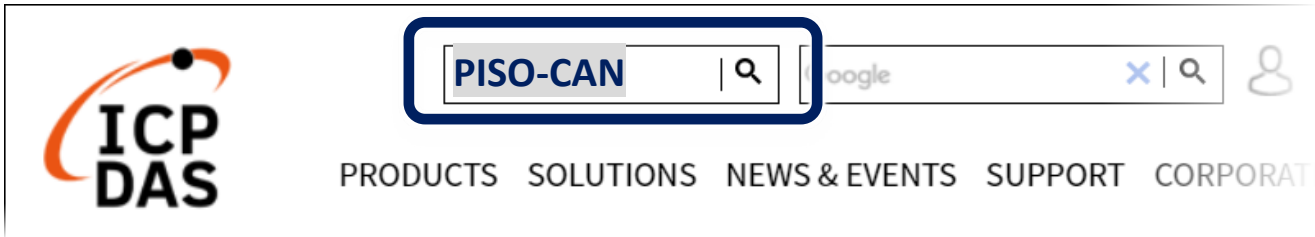
Resources

How to search for drivers, manuals and spec information on ICP DAS website.

- For Mobile Web

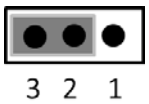
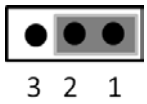
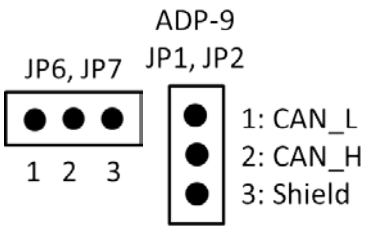


- For Desktop Web

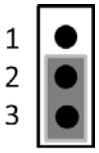
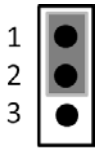


1. Jump, Switch and Pin Assignment

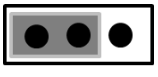
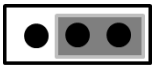
PISO-CAN200U / 400U:

	PISO-CAN			
		200U	400U	
Terminal Resistance	Port 1	JP2	JP2	 Enable
	Port 2	JP3	JP3	
	Port 3	X	JP4	 Disable
	Port 4	X	JP5	
Extend CAN Pin	Port 3	X	JP6	
	Port 4	X	JP7	

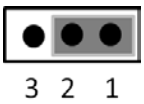
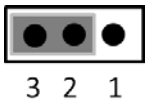
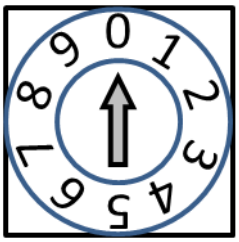
PISO-CAN800U:

	CAN	Jumper	CAN	Jumper	
Terminal Resistance	Port 1	JP2	Port 5	JP6	 Enable
	Port 2	JP3	Port 6	JP7	
	Port 3	JP5	Port 7	JP9	 Disable
	Port 4	JP4	Port 8	JP8	

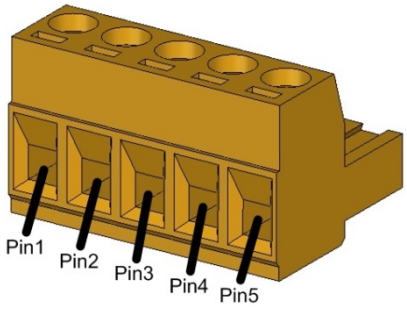
PEX-CAN200i:

	CAN	Jumper		
Terminal Resistance	Port 1	JP2	 Enable	 Disable
	Port 2	JP3		

PCM-CAN200:

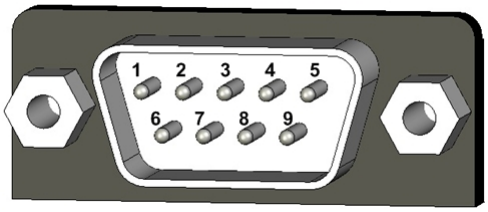
	CAN	Jumper		
Terminal Resistance	Port 1	JP3	 Enable	 Disable
	Port 2	JP4		
Board Number	0	Rotary Switch: 0 / 4 / 8		
	1	Rotary Switch: 1 / 5 / 9		
	2	Rotary Switch: 2 / 6		
	3	Rotary Switch: 3 / 7		

Pin Assignment:



5-pin Screw Terminal

Pin	Signal	Description
1	CAN_GND	Ground
2	CAN_H	CAN_H bus line
3	CAN_SHLD	Optional CAN Shield
4	CAN_L	CAN_L bus line
5	N/A	No use

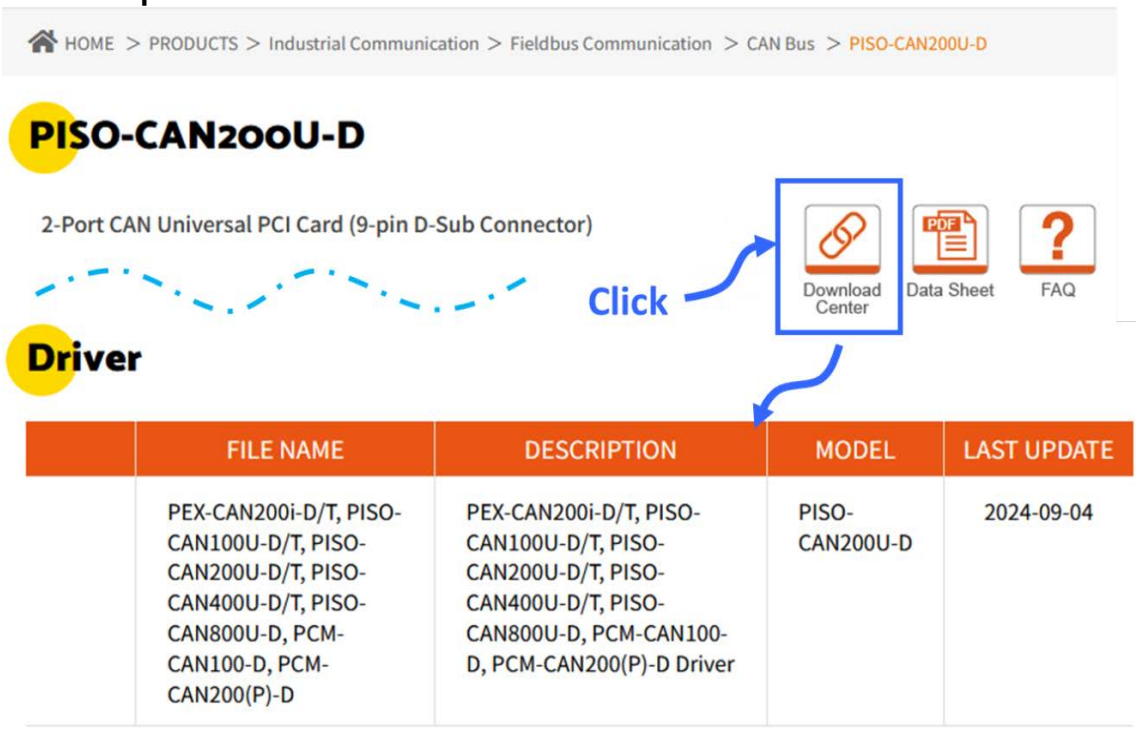


9-pin D-sub Male

Pin	Signal	Description
1	N/A	No use
2	CAN_L	CAN_L bus line
3	CAN_GND	Ground
4	N/A	No use
5	CAN_SHLD	Optional CAN Shield
6	CAN_GND	Ground
7	CAN_H	CAN_H bus line
8	N/A	No use
9	N/A	No use

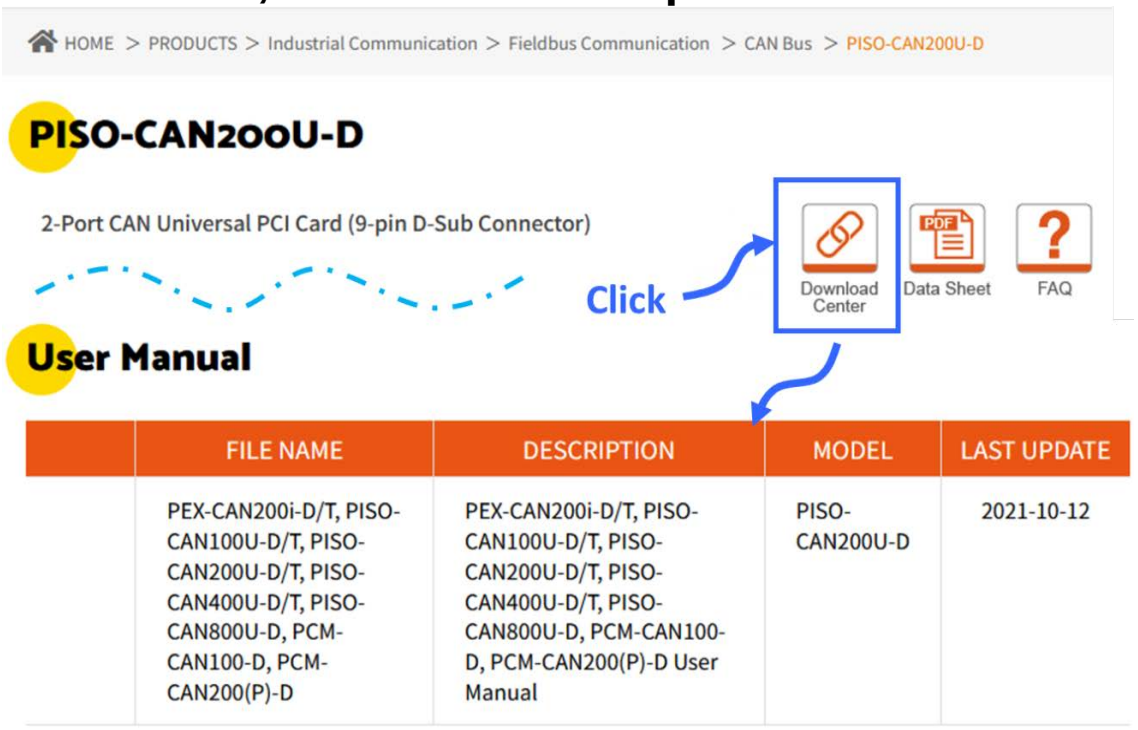
2. Installing Windows Driver

Step1. Setup the Windows driver. The driver is located at:

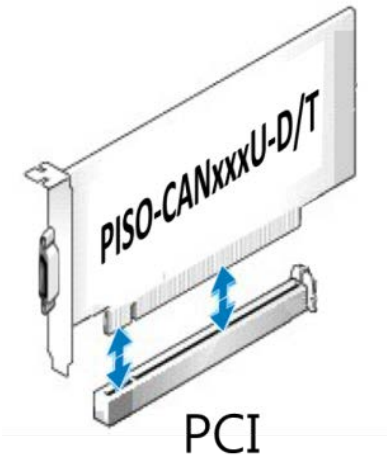


Step2. The default driver installation path is C:\ICPDAS\PISO-CAN. Please follow the installation process prompts and click the "Next" button to complete the installation.

For more detailed installation instructions, please refer to the user manual, the user manual path:



3. Installing PISO-CAN/PEX-CAN



PISO-CAN: PCI Slot



PEX-CAN: PCIe X1 Slot

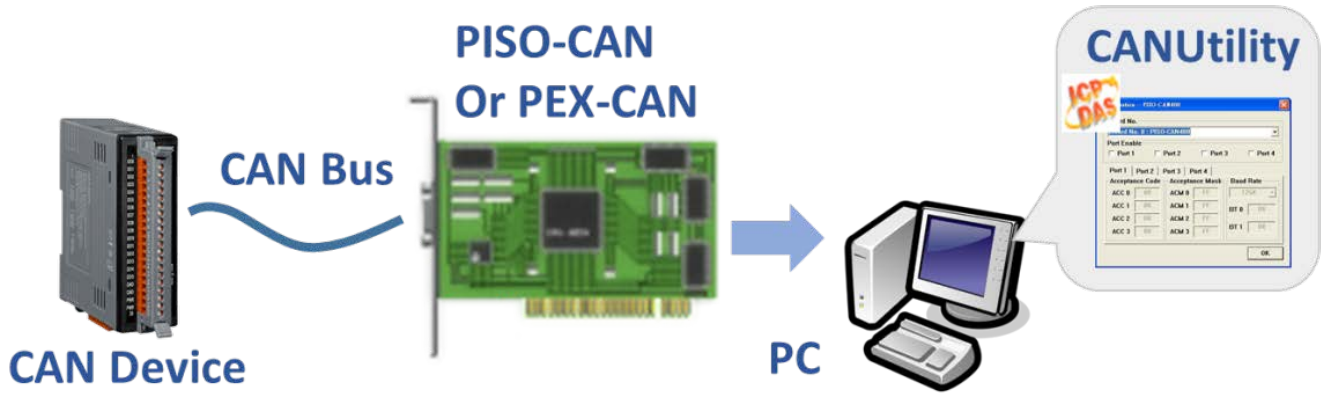
Step1. Shut down the PC, disconnect the power cable, and remove the chassis cover.

Step2. Locate a suitable expansion slot (PCI or PCIe) and carefully insert the CAN card into the slot, ensuring it is firmly seated.

Step3. Reattach the chassis cover and reconnect the power cable. Power on the PC.

Step4. After the system boots, follow the on-screen instructions to complete the driver installation.

4. Wiring and testing

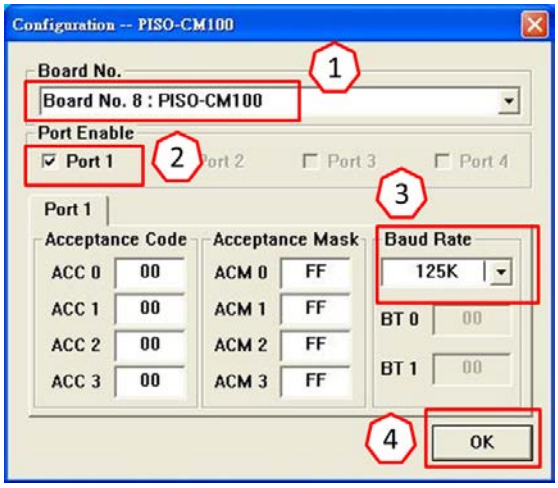


Step1. Connect the CAN port of the CAN board to the customer's CAN device, and power on both devices.

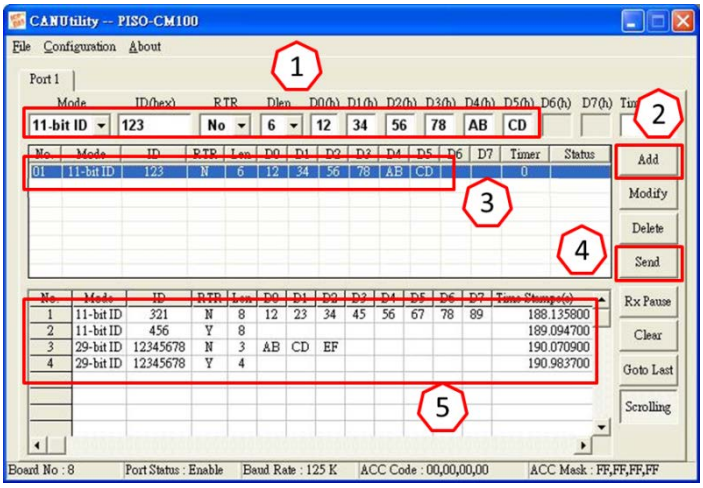
Step2. Launch **CANUtility.exe** from the installation directory (default path: C:\ICPDAS\PISO-CAN).

Step3. Select the appropriate CAN card, CAN port, and baud rate, then click **OK**.

Step4. Click **Add** to define a command that the device can receive, then click **Send** to transmit it. The **CANUtility** will automatically receive the response message and display it in the **Rx list**.



Step3. Figure



Step4. Figure