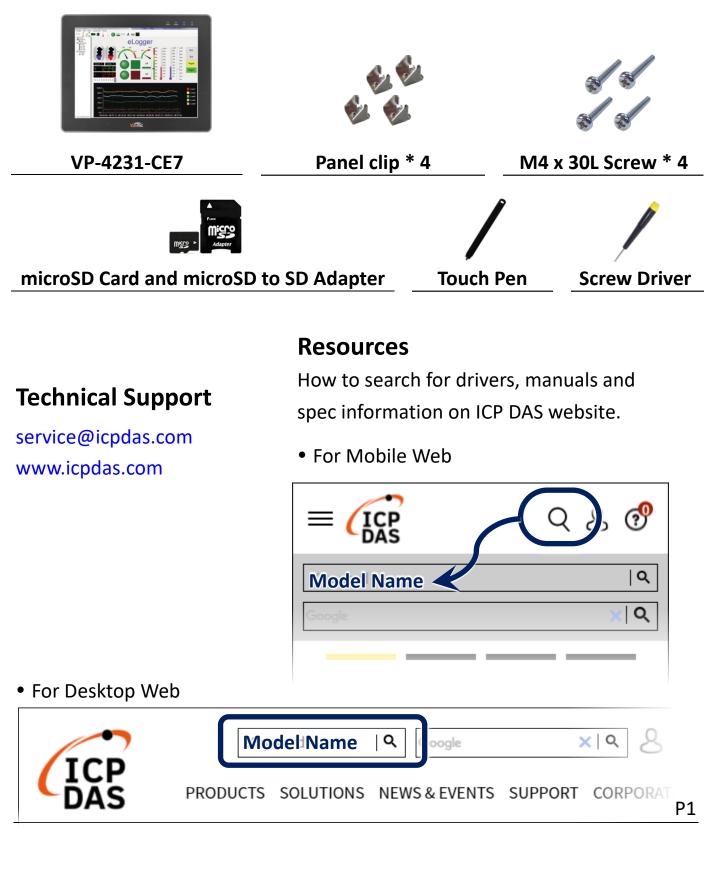


VP-4231-CE7 Quick Start

v1.2, September 2023

Packing List

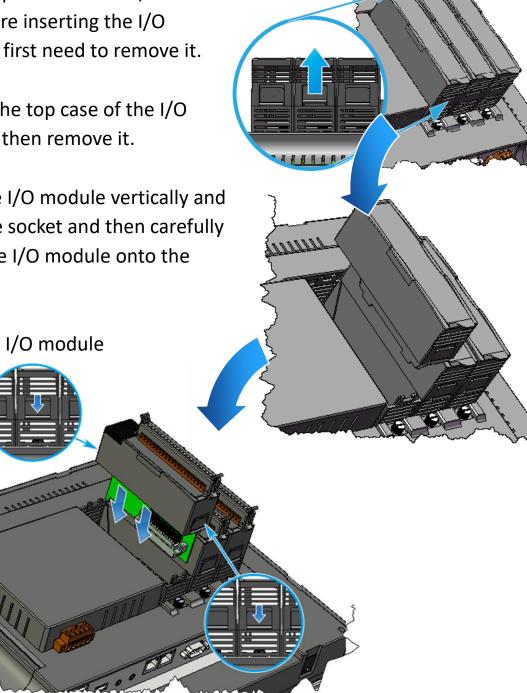
In addition to this guide, the package includes the following items:



1 Inserting the I/O Module

There is a top case on each I/O socket. Before inserting the I/O module you first need to remove it.

- 1) Unlock the top case of the I/O slot and then remove it.
- 2) Hold the I/O module vertically and align the socket and then carefully press the I/O module onto the socket.
- 3) Lock the I/O module



Tips & Warnings



If you do not expand the I/O module full, please keep the top case of the unused slot to protect the backplane from dirt, dust and damage from foreign objects.

2 Mounting the VP-4231-CE7

The VP-4231-CE7 can be mounted on a panel of maximum thickness 5 mm. Adequate access space can be available at the rear of the instrument panel for wiring and servicing purposes.

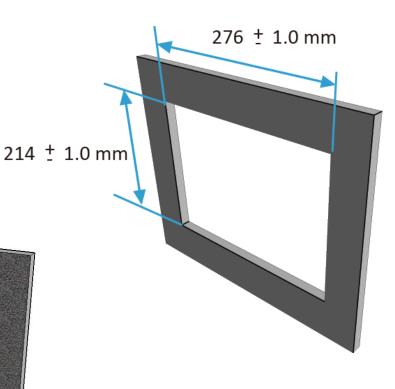
Tips & Warnings



To ensure proper ventilation for the VP-4231-CE7, leave a minimum of 50 mm space between the top and bottom edges of the VP-4231-CE7 and the enclosure panels.

- Prepare the panel and cut the hole to the specified size
- 2) Attach the VP-4231-CE7 to the cut-out hole



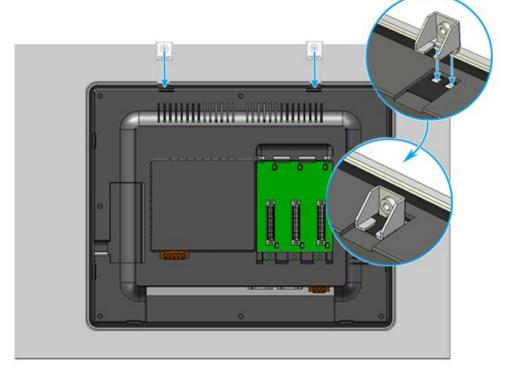


118.0 mm

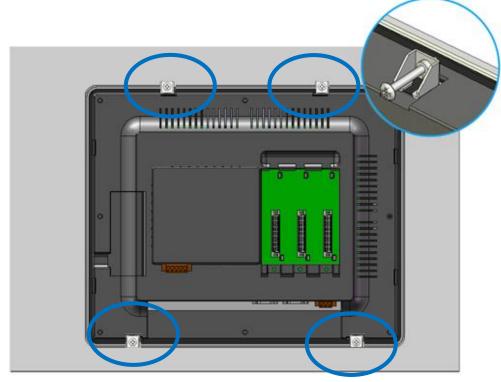
Panel thickness

up to 5 mm

3) Insert the panel mounting clips into the upper and lower ventilation holes



4) Screw the panel mounting clips to the panel.



Tips & Warnings

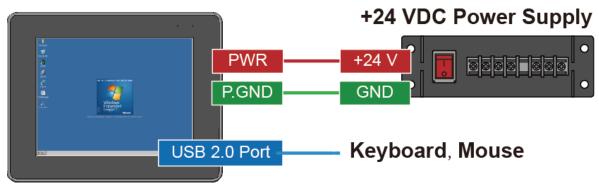


Recommended Screw Torque: 3.4 ~ 4.5 kgf-cm.

3 Connecting to PC, Monitor and Power Supply

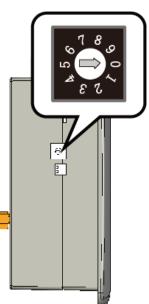
The VP-4231-CE7 provides a variety of communication interface to suit a range of application. Here is a simple application for using the VP-4231-CE7.

- 1) Connect the positive terminal (+) of the power supply to the terminal PWR1/2 and the negative terminal (-) of the power supply to the P.GND
- 2) Connect the USB mouse or the USB keyboard to the USB port



4 Configuring the Boot Mode

Before starting any installation, be sure that the switch is placed in the "0" position.

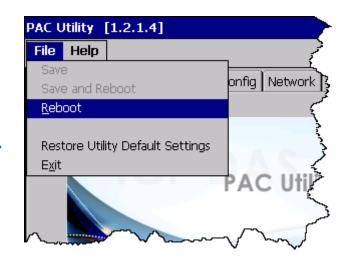


5 Changing the User Interface Language

The Regional and Language Settings is a Windows CE functionality that allows users to change the VP-4231-CE7 user interface with your native language.

1)	Click Start menu, point to	🛅 Programs 🔛	1		
	Settings, click Control Panel, and	👷 F <u>a</u> vorites 🔹			
	then click Regional Settings	Documents Documents	😼 <u>C</u> ontrol Panel		
		🖅 <u>R</u> un	🗞 Network and Dial-up Connections		
		💦 Start	🛃 Taskbar and Start Menu		
2)	Click User Interface Language tab, choose to your local language, and then click OK button				

- Regional and Language Settings User Interface Language **Regional Settings** Input Language User Interface Language The option will determine the language used for the menus, dialogs and alerts. English (United States) -English (United States) French (France) German (Germany) Italian (Italy) Portuguese (Brazil) Spanish (Spain - International Sort)
- **3)** Double-click the PAC Utility on the desktop, and then reboot the VP-4231-CE7 for changes to take effect



6 Using PAC Utility to Manage the VP-4231-CE7

The PAC Utility is a collection of the VP-4231-CE7 system tool that allows users to manage and configure the VP-4231-CE7 quickly and easily.

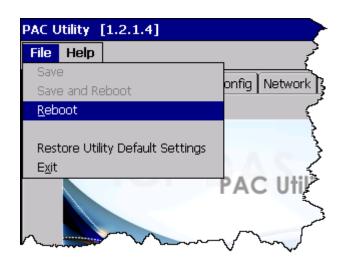
1) Double-click the PAC Utility on the desktop



2) Configure IP address (DHCP),FTP Server, Auto Executionfiles..., etc

PAC Utility [1.2.2.0]								
File He	elp							
General	Gener	al2 Displa	/ IP Config	Network	Device Informati	ion 🛛 Aut	o Execution	Rotary Exe 📕 🕨
Access	Login							
	Γ	FTP	1	🖲 Enable	🔿 Disable			
		Allow Ano	nymous	🖲 Enable	🔿 Disable			
	Set FTP default download directory to:							
Browse for Folder My Device - Network Set HTTP do System disk								
						_		
		windows		m_disk :led			Apply	
	L		- Applic	ation Data			· 10	
		My Recent Documents My Documents						
	Windows							
			C	ancel	Ok			

3) Reboot the VP-4231-CE7



7 Using DCON Utility Pro to Configure the I/O Module

DCON Utility Pro allows users to configure and manage the I/O modules via Ethernet or serial ports (RS-232/RS-485).

1) Double-click the DCON_Utility_Pro on the desktop



2)	Click the button button Click the button but
3)	Configure the
	communication settings
	COM Port Option
	COM Port COM Port
	COM0[Backplane] _ 300 ms
	COM1 ecksum Format
	COM3
	COM4B,2 E,8,1 0,8,1
	OK Cancel

- 4) Click the button
- 5) Click the module name to configure the I/O module

DCON LIHING, Pro CE			×
(╤ ►)i ĭ 1	97015 mmware[B20	D9]	×
Start Address 0	Configuration AI	About	
ID Addr Bau	Protocol(INIT*)	DCON	
97015 Slot0 115	Address	0 <u>~</u> [00H]	
	Baud Rate(INIT*)	115200 🗸	
	Parity(INIT*)	N,8,1-None Parity 🔽	
	Checksum(INIT*)	Disable	
	Analog Format	Ohms 💌	
	60/50 Hz	50Hz 💌	
			Save Configurations to the File
	Response Delay	0ms	Write Configurations to I/O Module
•			
L COM:0[N,8,1] Slot:7	Exit		