I-7565-CPM Quick Start

V2.10, Feb 2025

Packing List

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



I-7565-CPM



USB Cable (CA-USB18)



Plastic

Technical Support

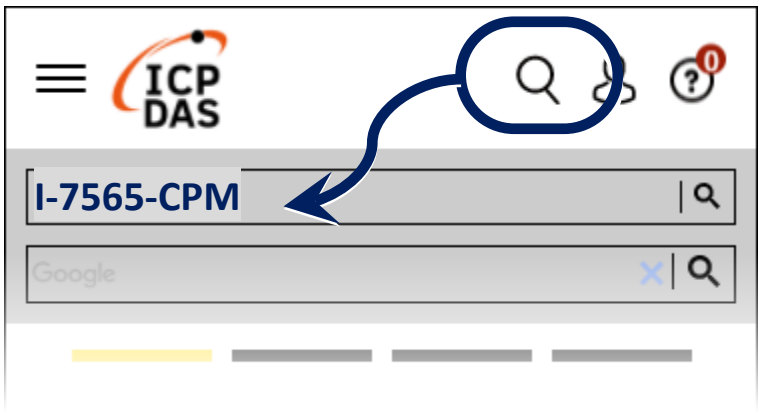
service@icpdas.com

www.icpdas.com

Resources

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

- For Mobile Web



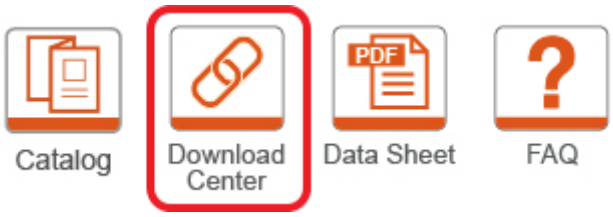
- For Desktop Web



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1. Driver Installation

To use the I-7565-CPM correctly on Windows operating systems, the users can locate the “Download Center” on the I-7565-CPM web page as show below.



Driver

	FILE NAME	DESCRIPTION	MODEL	LAST UPDATE
	I-7565-CPM	I-7565-CPM Driver	I-7565-CPM-G	2025-01-03

I-7565-CPM

FILE NAME	VERSION	FILE DATE	SIZE	NOTE	
I-7565-CPM_V2 USB Windows Driver	v.2.12.36.4	2024-08-29			
I-7565-CPM Windows Driver	v2.0				

The module versions corresponding to these two Drivers are shown in the following table:

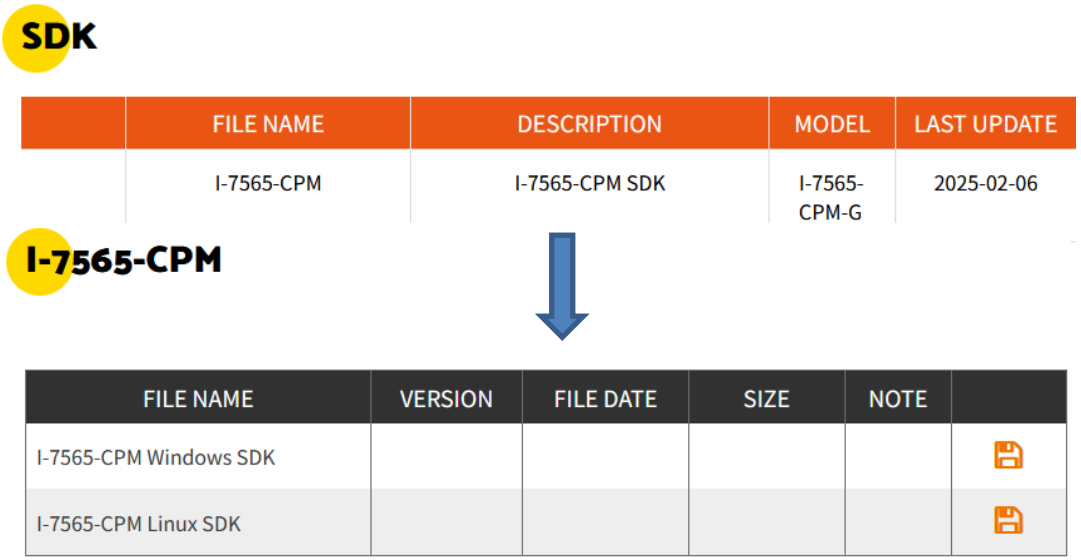
With NO “V2” mark	With “V2” mark
	
I-7565-CPM Windows Driver	I-7565-CPM_V2 USB Windows Driver

- These two versions of the driver can be installed at the same time without conflicting with each other.

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2. Download SDK

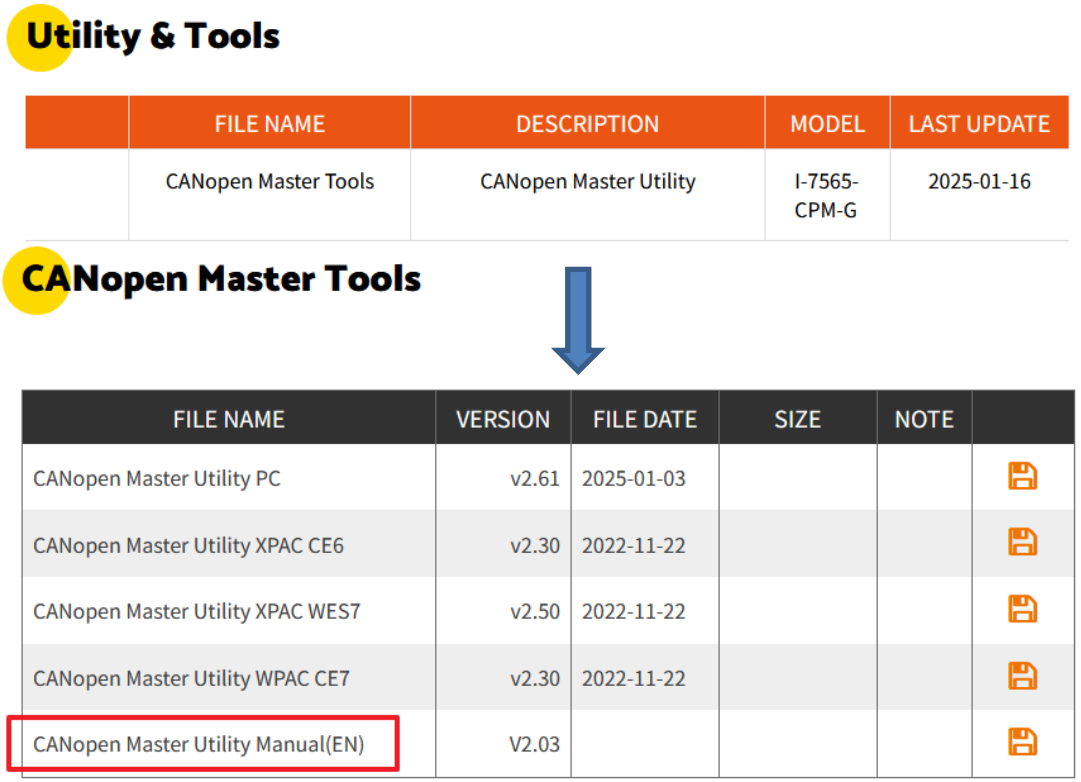
Users can find the I-7565-CPM SDK in “Download Center” page as shown below.



“Windows SDK” provides i7565cpm.dll for c++ and i7565cpm_net.dll for .net program, and “Linux SDK” has both 32-bit and 64-bit .so file.

3. CANopen Master Tool

Users can find the CANopen Master Tool, CPMUtility, in “Download Center” page as shown below.



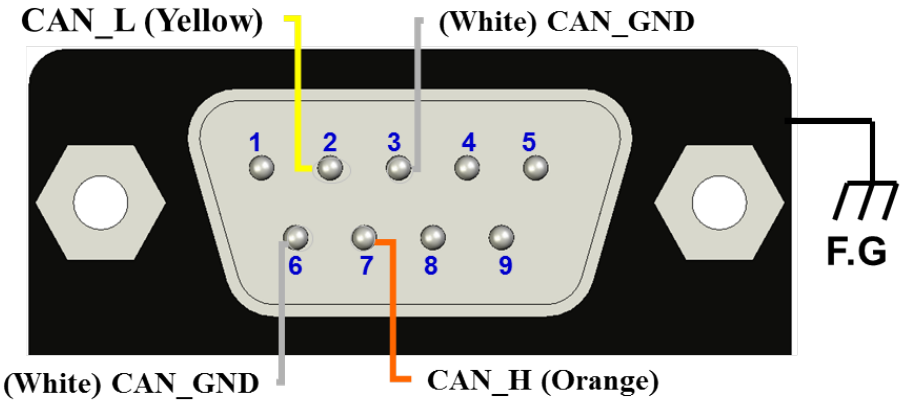
For detailed instructions and operations of CPMUtility, please refer to the “CANopen Master Utility Manual”.

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4. Normal Mode LED Indicators

LED Name	LED Status	Description
ACT LED	On	Indicates that “InitMaster” API has been executed successfully.
	Off	Indicates that “InitMaster” has not been executed yet.
Tx/Rx LED	On	If the I-7565-CPM is transmitting or receiving a CAN message, the Tx/Rx LED will blink. If the bus load is heavy, the Tx/Rx LED will remain on continuously.
	Off	The I-7565-CPM did not transmit or receive any CAN messages.
ERR LED	On	The ERR LED indicates the error status of the CAN physical layer and indicates the errors due to missing any CAN message.
	Off	No errors occurred in the CAN physical layer

5. D-Sub 9 Pin Assignment



Pin No.	Signal	Description
1	N/A	Non-available
2	CAN_L	CAN_L bus line (dominant low)
3	CAN_GND	CAN Ground
4	N/A	Non-available
5	N/A	Non-available
6	CAN_GND	CAN Ground
7	CAN_H	CAN_H bus line (dominant high)
8	N/A	Non-available
9	N/A	Non-available

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