I-9720 Quick Start

v1.0, July 2024

Packing List

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



I-9720



Screw Driver

Technical Support

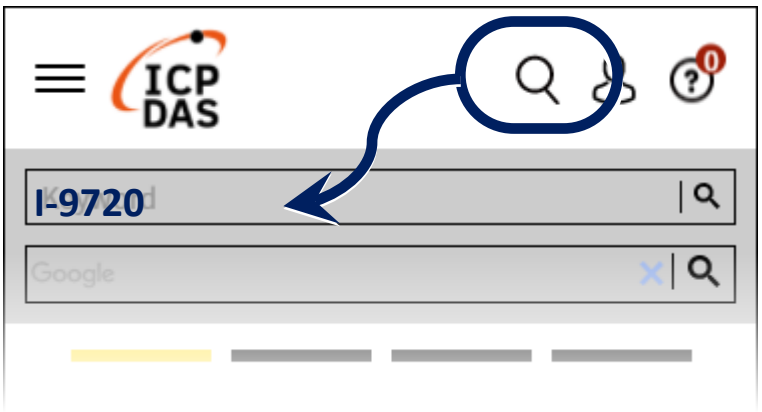
service@icpdas.com

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Resources

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

- For Mobile Web

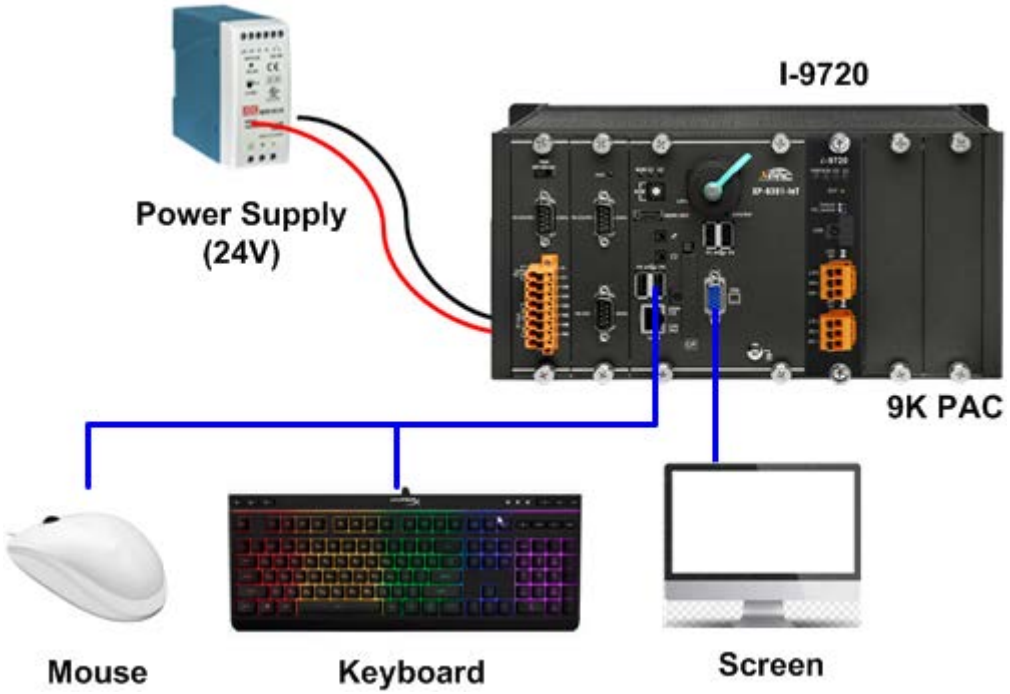


- For Desktop Web



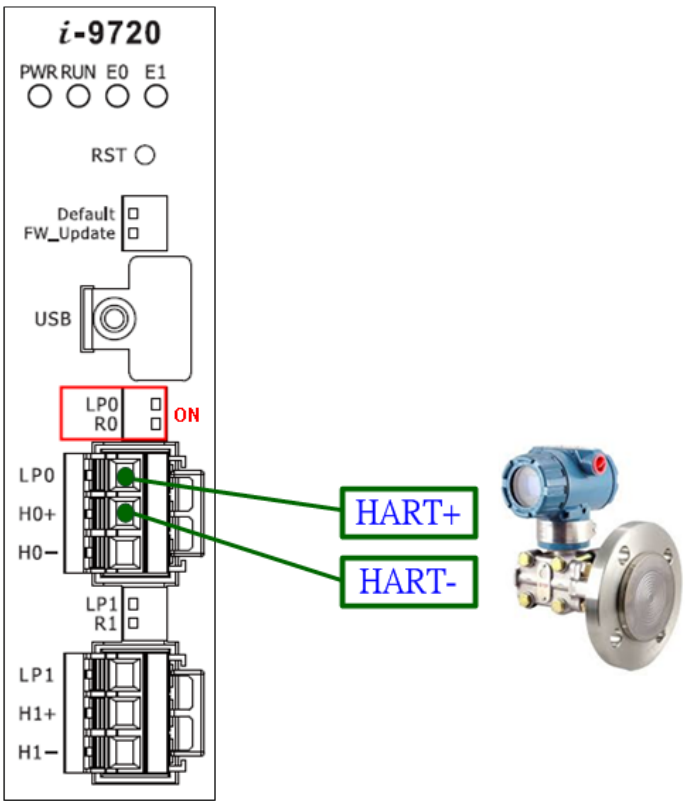
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1. Plug I-9720 in 9K series PAC slot and connect monitor / keyboard / mouse and power



2. Connect HART device to HART port 0 of I-9720

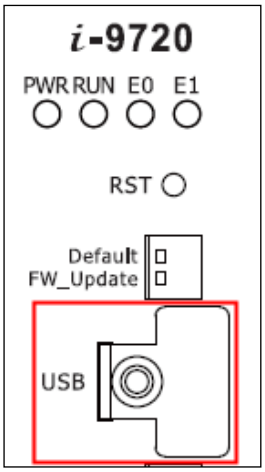
[1] As the below HART port 0 wiring and set the dip-switch of LP0 and R0 to ‘ON’ position.



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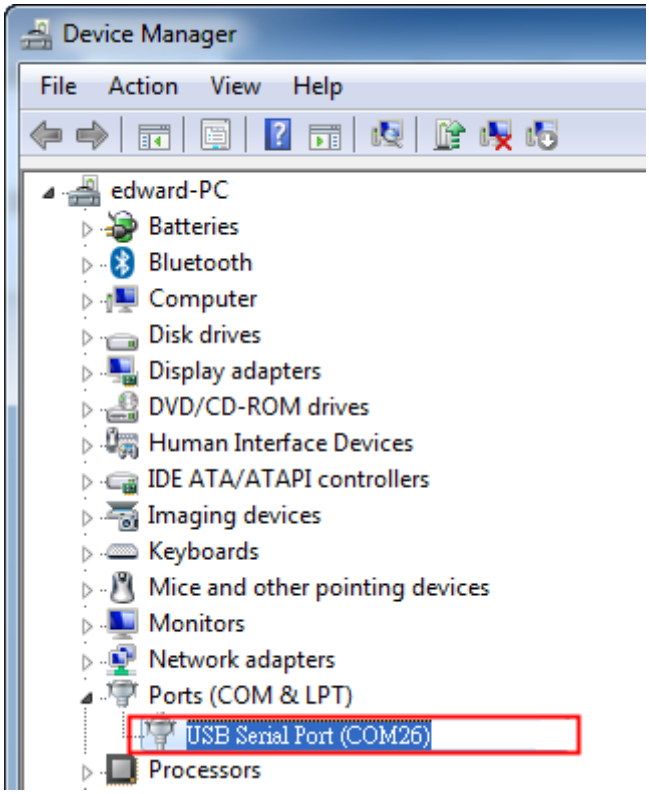
3. Connect USB port of I-9720 to PC

[1] Use USB (Type C) cable to connect USB port of I-9720 to PC.



4. Install USB driver and HG_Tool in PC

[1] Download and install USB driver of I-9720. After finish, it will show the "**USB Serial Port (COMx)**" in the "Device Manager".
https://www.icpdas.com/en/download/show.php?num=9226&model=I-9720



[2] Download and install HG_Tool_v1.6.0.
https://www.icpdas.com/en/download/show.php?num=1681&model=I-9720

5. PC run HG_Tool to configure I-9720

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[1] PC runs HG_Tool and connects to I-9720 by using the “USB Serial Port (COMx)”.

[2] To follow the steps of **FAQ 01~03** of manual for the configuration of I-9720.

(manual **:** https://www.icpdas.com/tw/download/show.php?num=9211&model=I-9720)

Q01 **:** How to add HART devices to I-9720 ?

Q02 **:** How to make sure that I-9720 gets the HART device data correctly ?

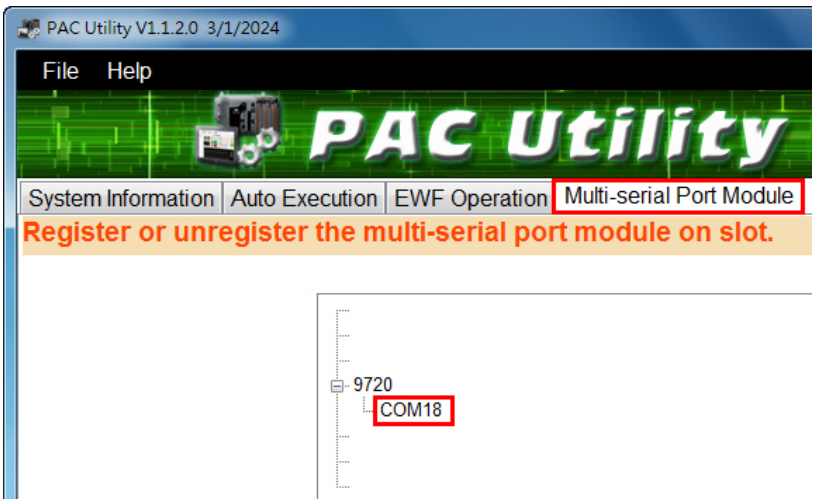
Q03 **:** How to map HART device CMD(3) data directly to SCADA or HMI ?

After finish, HART device data can be accessed by Modbus communication in PC.

6. PAC run Modbus program to get HART device data

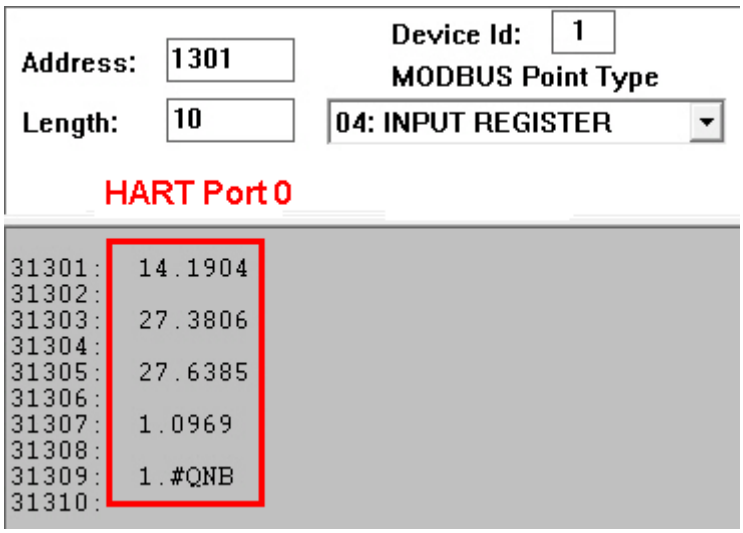
[1] In Windows PAC, run the **PAC Utility**, in the ”**Multi-serial Port Module**” page, it will show the COM port no. of I-9720.

(In other PAC platform, refer to the “**section 2.8.1 Get the COM port no. of I-9720 in the PACs**” of manual.).



[2] In Windows PAC, run the free **Modscan32** software to get HART device CMD3 data.

(In other PAC platform, please run the Modbus program to get HART device data.)



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