



ICP DAS U-7524M CR UA I/O Series 5 Channels DO and 2 Port Ethernet Switch User Guide

[Home](#) » [ICP DAS](#) » ICP DAS U-7524M CR UA I/O Series 5 Channels DO and 2 Port Ethernet Switch User Guide 

Contents

- [1 ICP DAS U-7524M CR UA I/O Series 5 Channels DO and 2 Port Ethernet Switch](#)
- [2 Packing List](#)
- [3 Preparations for Devices](#)
- [4 Hardware Connection](#)
- [5 Network Connection](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)
- [7 Related Posts](#)



ICP DAS U-7524M CR UA I/O Series 5 Channels DO and 2 Port Ethernet Switch



Packing List

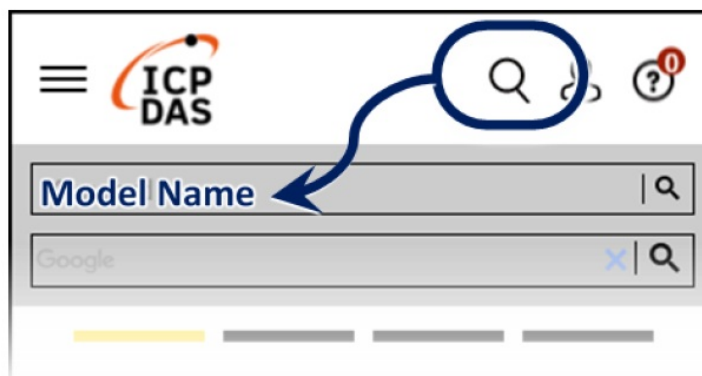
UA I/O package includes this document and the following items:

U-75xx I/O Module 	MicroSD Card  * This card is already in the I/O module. It is used to install the FW. <u>DO NOT</u> remove it.	Screw Driver 
DB-1820  For U-7518ZM/S U-7519ZM/S	DN-1822 CA-252518D-1  For U-7518ZM/S2 U-7519ZM/S2	

Technical Resources

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

- For Mobile Web



Technical Support

- service@icpdas.com
- <https://www.icpdas.com>
- For Desktop Web



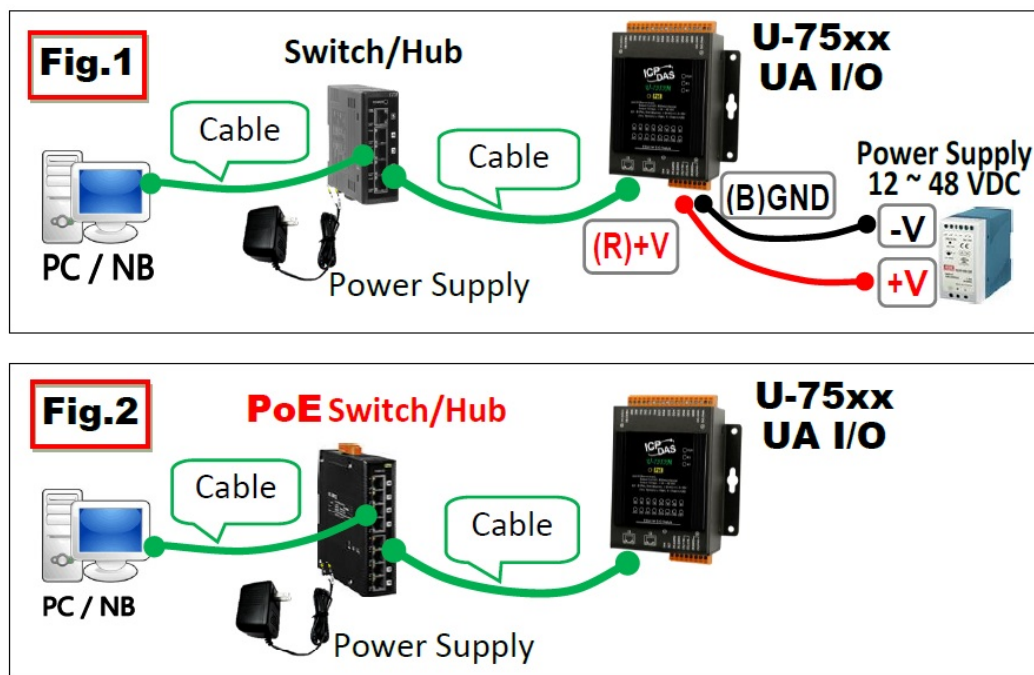
Preparations for Devices

1. PC/NB: Can connect to the network and set the network

2. Ethernet Switch/Hub (Ex: NS-205A or PoE Switch NSM-208SE)
3. Power Supply: +12 ~ +48 VDC (Ex: MDR-60-24)

Hardware Connection

Connect the UA I/O Module with the RJ-45 Ethernet port to an Ethernet switch/hub (Fig.2 for PoE Switch) and PC. You can also directly link the U-75xx to PC with an Ethernet cable. After power is connected, please wait 1 minute for U-75xx start-up procedure. When the “RUN” light starts flashing, it represents the boot is complete.



Network Connection

Factory Default Settings of U-75xx			
Network	IP	192.168.255.1	Assign U-75xx a new IP setting according to your case.
	Mask	255.255.0.0	
	Gateway	192.168.1.1	
Web UI Account	Username	root	After login, change the username/password at once.
	Password	root	

- Change the **PC's IP** setting as following. (Write down the PC original network settings before modify.) EX:

IP	192.168.255.10
Subnet mask	255.255.0.0
Default Gateway	192.168.1.1

- Make sure the PC and U-75xx is connecting through Ethernet. And then open a PC side browser (Ex: Chrome, IE...). Type http://192.168.255.1 in the URL address. Use default Web UI username/password root/root to login.

ICP DAS UA I/O ICP DAS CO., LTD.

Username : root

Password :

Language : English

Login

- Change the Username/password in Account Setting of System Setting , or user cannot use any other function

ICP DAS UA I/O ICP DAS CO., LTD.

System Setting Module Setting OPC UA Setting MQTT Setting Adva

Overview

Network Setting

Time Setting

Account Setting

Firmware Setting

Web Server Setting

Account Setting

Username root

Password

Confirm Password

Save

- Click System Setting Network Setting > Network Setting(LAN) to change the IP settings by user network

System Setting OPC UA Setting MQTT Setting

Overview

Network Setting

Time Setting

Account Setting

I/O Setting

I/O Status

Firmware Setting

Network Setting (LAN)

Connection Mode

Specify an IP address.

Obtain an IP address automatically.

IP Address 192 168 81 252

Mask 255 255 0 0

Gateway 192 168 1 1

MAC Address 00:0d:e0:b0:f0:00

Save

- Save the IP settings, restore the PC original IP settings, and then type the new IP/Username/Password in the browser to login the Web UI of U-75xx to configure user's UA project

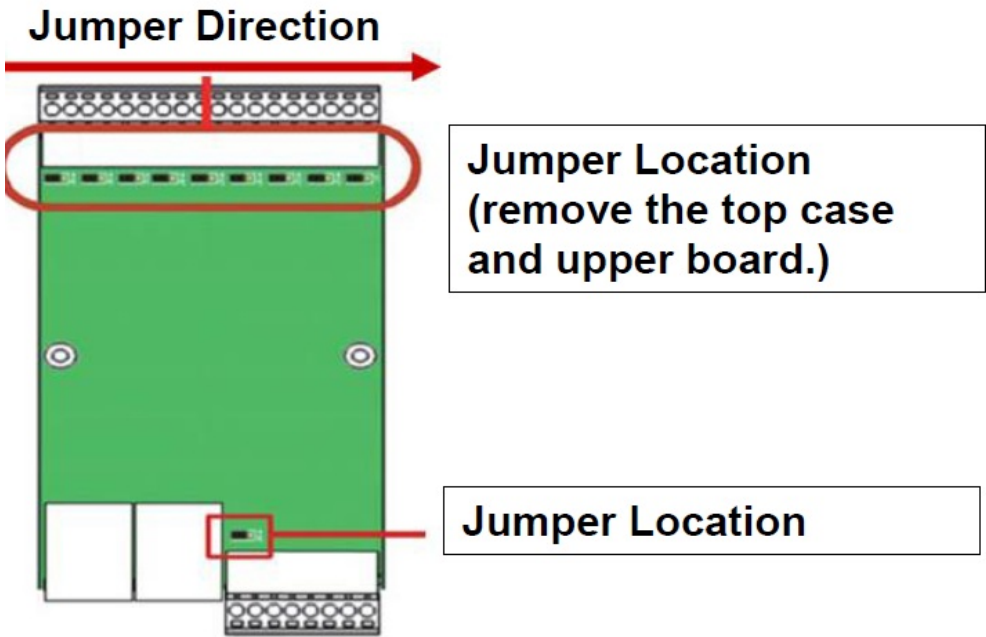
AI/AO Jumper Setting

To change the Selection Jumpers for Analog channels:

U-7528M		
Channel		
Jumper		
Channel	V/lout6+	V/lout7+
Jumper	J1	J2

Remove the top case and upper board of the module, the selection jumpers are next to the connector.

Jumper Location Figure

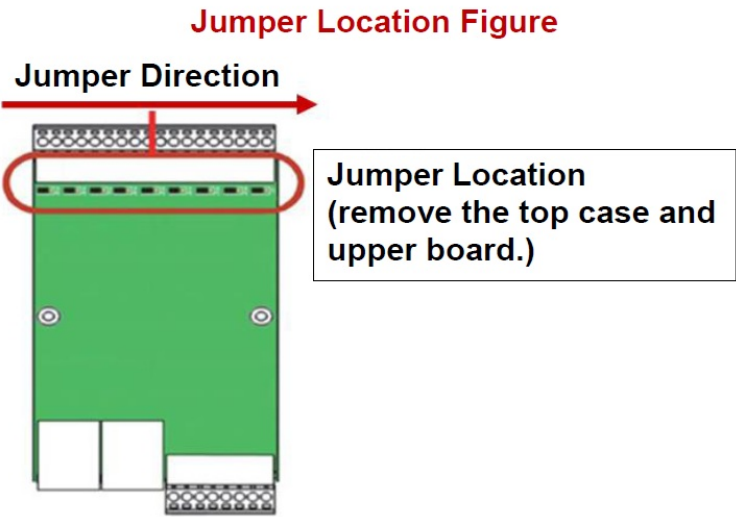


U-7502M		
Channel	Vin1±	Vin0±
Jumper	J2	J1
Channel	Vin2±	
Jumper	J3	

U-7528M		
Channel		
Jumper		
Channel	V/lout6+	V/lout7+
Jumper	J1	J2

U-7517M-10									
Channel	Vin8±	Vin7±	Vin6±	Vin5±	Vin4±	Vin3±	Vin2±	Vin1±	Vin0±
Jumper	J9	J8	J7	J6	J5	J4	J3	J2	J1
Channel	Vin9±								
Jumper	J10								

Jumper Location Figure



U-7504M								
Channel	Vin3	Vin2	Vin1	Vin0	Vout3	Vout2	Vout1	Vout0
Jumper	J4	J3	J2	J1	J8	J7	J6	J5

U-7524M				
Channel	Vout3+	Vout2+	Vout1+	Vout0+
Jumper	J4	J3	J2	J1

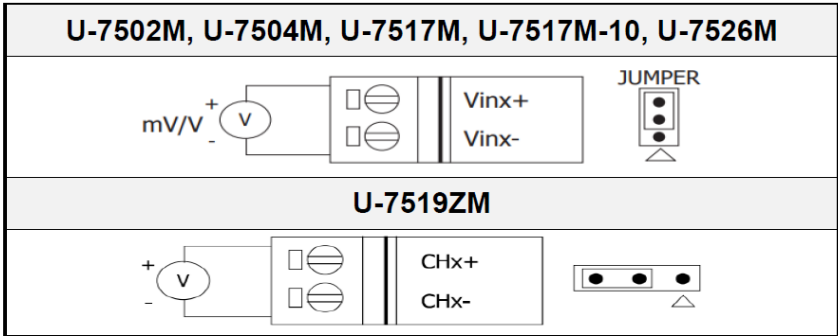
U-7526M								
Channel	Vout1	Vout0	Vin5	Vin4	Vin3	Vin2	Vin1	Vin0
Jumper	J8	J7	J6	J5	J4	J3	J2	J1

U-7517M								
Channel	Vin7±	Vin6±	Vin5±	Vin4±	Vin3±	Vin2±	Vin1±	Vin0±
Jumper	J8	J7	J6	J5	J4	J3	J2	J1

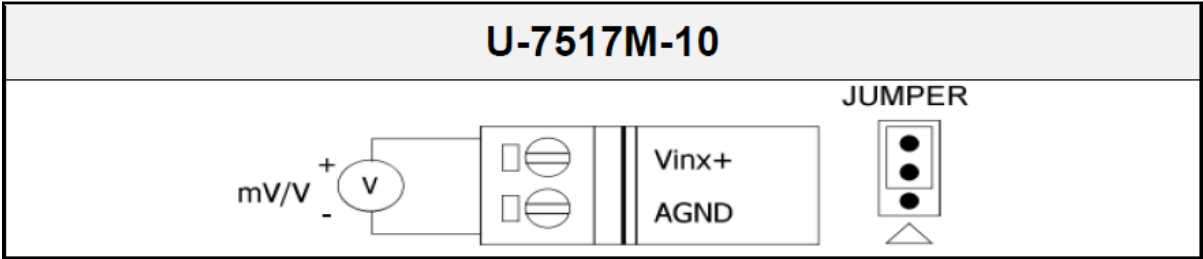
U-7519ZM										
Channel	CH0±	CH1±	CH2±	CH3±	CH4±	CH5±	CH6±	CH7±	CH8±	CH9±
Jumper	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10

- Set up the **Jumper** corresponding to the type of **Voltage** / Current and Input / Output for each analog channel.

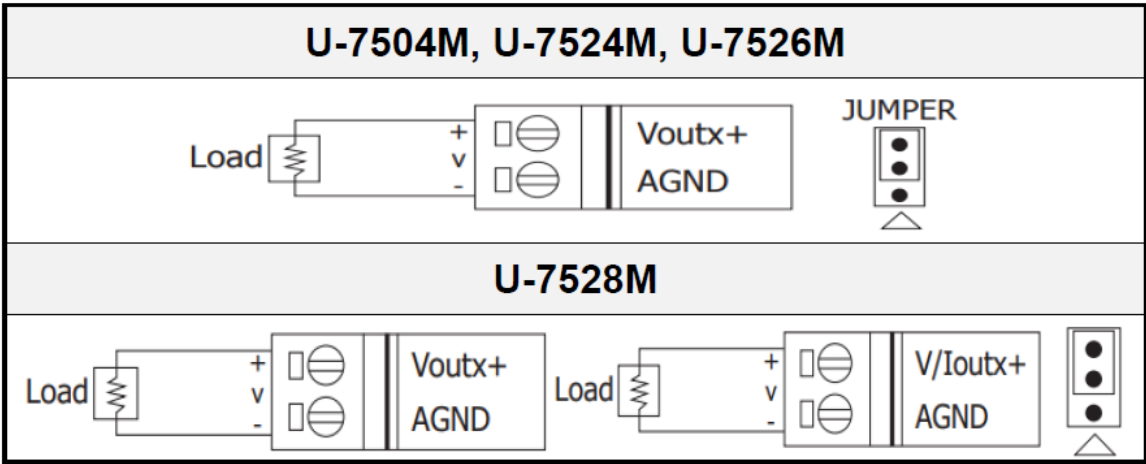
Voltage Input Selection Jumper (Jumpers default: Voltage



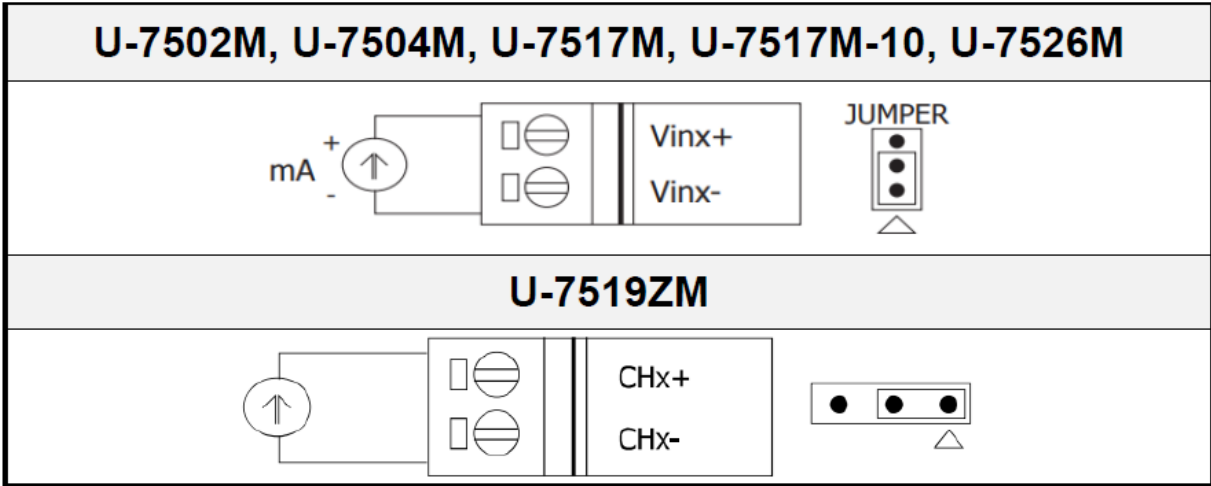
- Voltage Input (Single-ended Mode) Selection Jumper



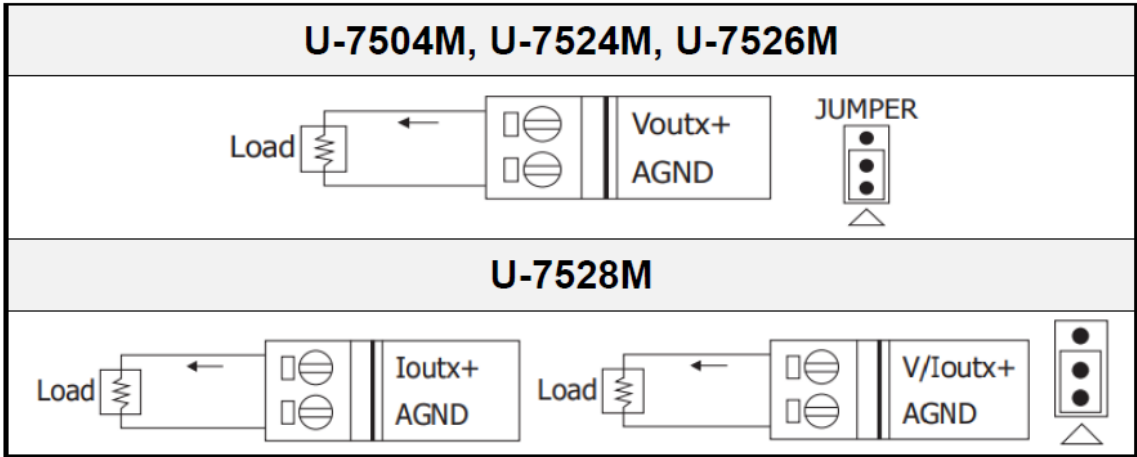
- Voltage Output Selection Jumper



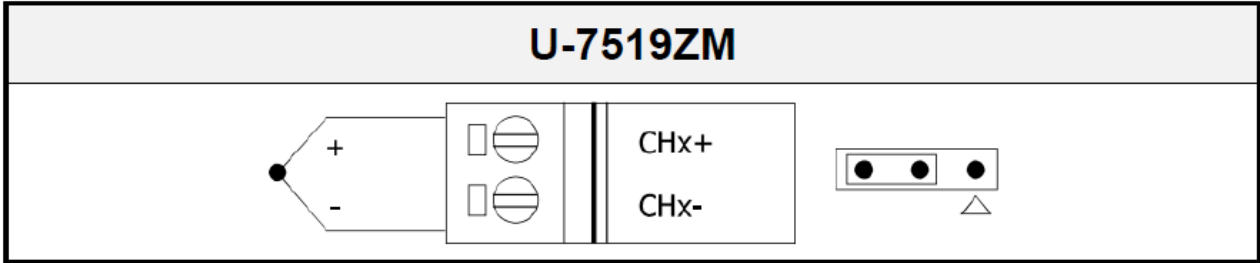
- Current Input Selection Jumper



- Current Output Selection Jumper



- Thermocouple Input Selection Jumper



Documents / Resources

ICP DAS UA I/O Series Quick Start v1.0 (2015.01) Packing List Technical Resources For Website Web For Desktop Web	ICP DAS U-7524M CR UA I/O Series 5 Channels DO and 2 Port Ethernet Switch [pdf] User Guide U-7524M CR UA I O Series 5 Channels DO and 2 Port Ethernet Switch, U-7524M CR UA I O S eries, 5 Channels DO and 2 Port Ethernet Switch, 2 Port Ethernet Switch, Ethernet Switch
---	--

References

- [User Manual](#)

Manuals+.