






# UA-7000 I/O Series Quick Start

V2.0, 08/2020

## Packing List

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

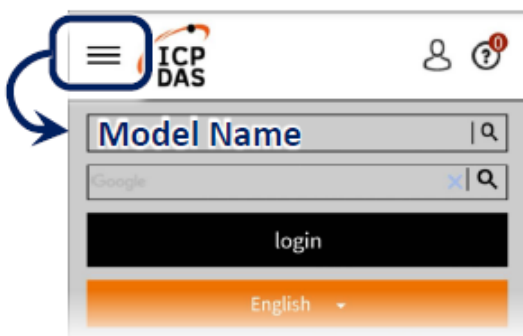
		
<b>UA-7000 I/O Module</b>	<b>MicroSD Card</b>	<b>Screw Driver</b>

**Note:** The MicroSD is already in the I/O module. It is used to install the FW. Do not remove it.

## Technical Resources

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

- For Mobile Web



### Technical Support

[service@icpdas.com](mailto:service@icpdas.com)

[www.icpdas.com](http://www.icpdas.com)

- For Desktop Web

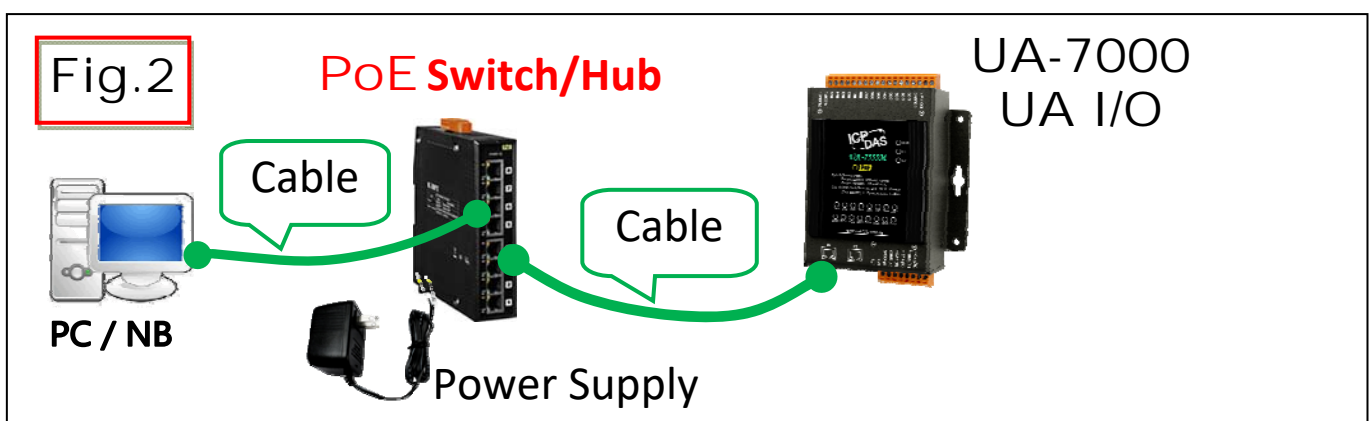
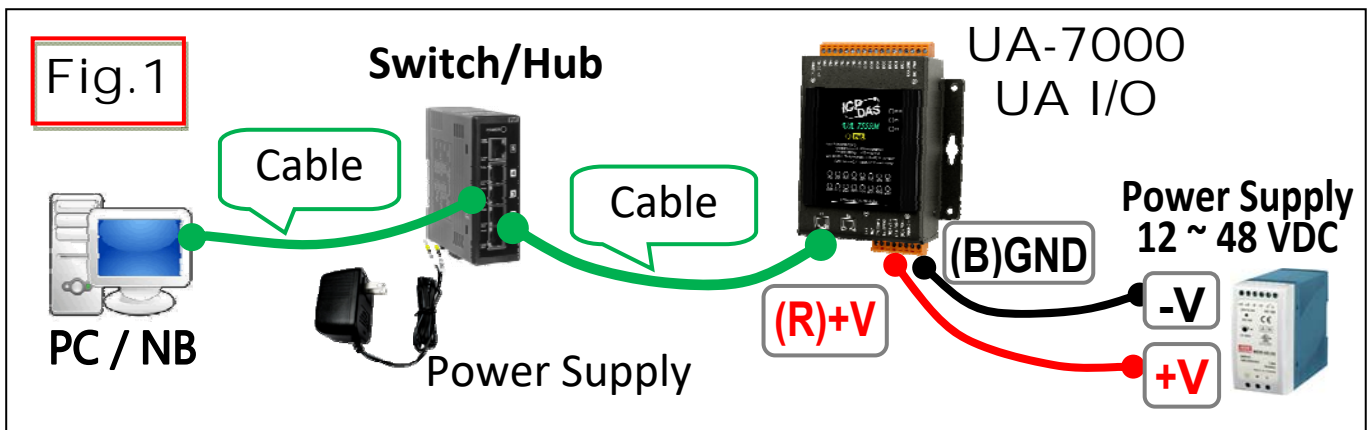


# 1. Preparations for Devices

1. PC/NB: Can connect to the network and set the network
2. Ethernet Switch/Hub (Ex: NS-205 or PoE Switch NSM-208SE)
3. Power Supply: +12 ~ +48 VDC (Ex: MDR-60-24)

## 2. Hardware Connection

Connect the UA-7000 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 UA-7000 to PC with an Ethernet cable. After power is connected, please **【wait 1 minute】** for UA-7000 start-up procedure. When the "RUN" light starts flashing, it represents the boot is complete.



# 3. Network Connection

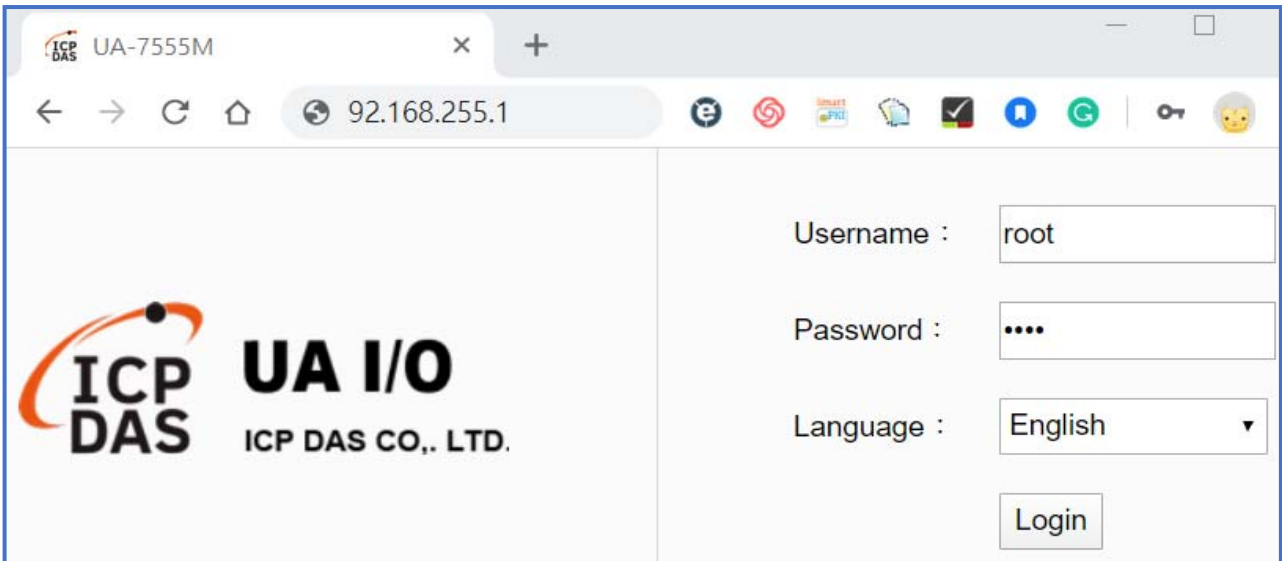
Factory Default Settings of UA-7000			
Network	IP	192.168.255.1	Assign UA-7000 a new IP setting according to your case.
	Netmask	255.255.0.0	
	Gateway	192.168.1.1	
OS Account	Username	root	After login, change your password ASAP. (Refer User Manual)
	Password	icpdas	
Web UI Account	Username	root	
	Password	root	

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

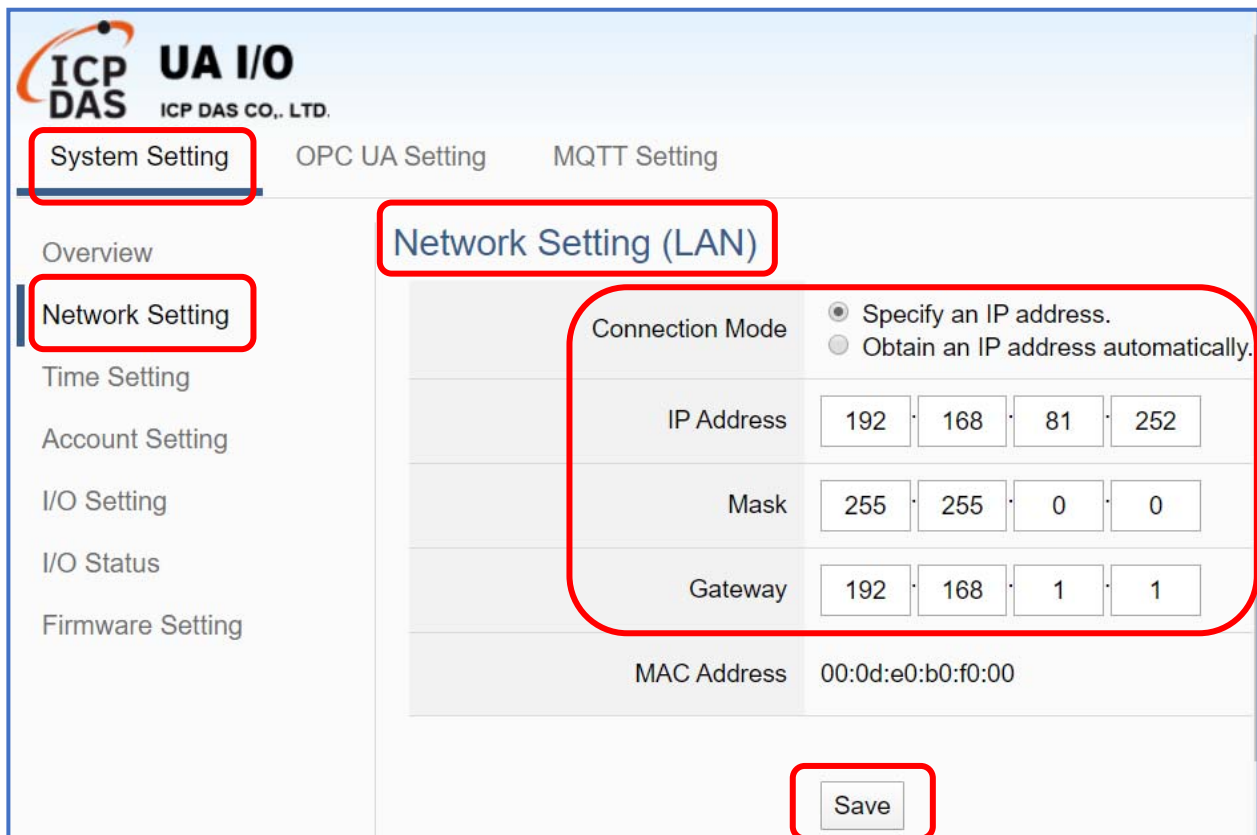
<b>IP</b>	<b>192.168.255.10</b>
<b>Subnet mask</b>	<b>255.255.0.0</b>
<b>Gateway address</b>	<b>192.168.1.1</b>

2. Make sure the PC and UA-7000 is connecting through Ethernet. And then open a PC side browser. (Ex: Chrome, IE...)

3. Type **http://192.168.255.1** in the URL address. Use default Web UI username/password **root/root** to login the system.



4. Click **【System Setting】** → **【Network Setting】** → **【Network Setting(LAN)】** to change the IP setting by user network.



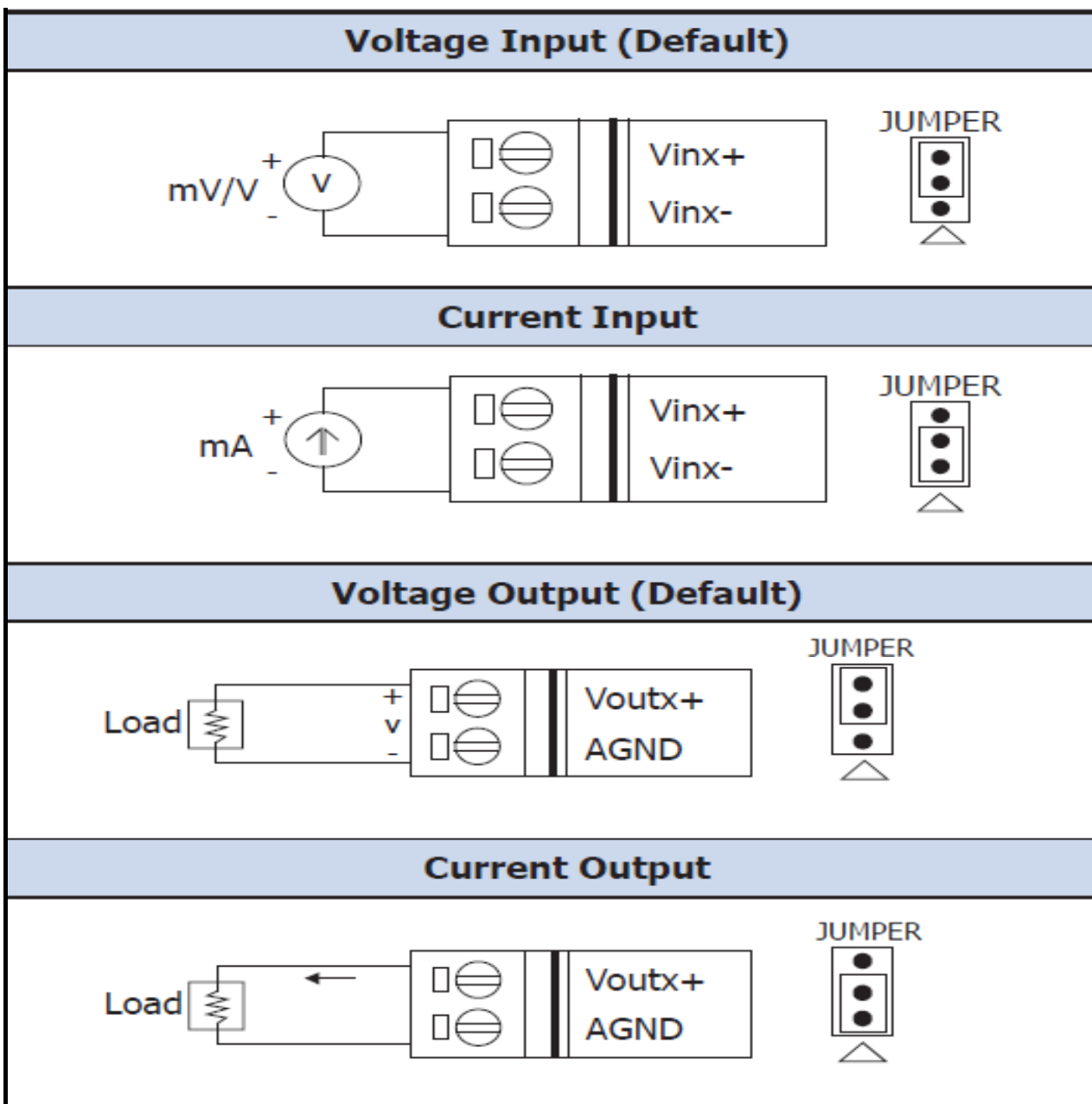
5. Save the IP setting, restore the PC original IP settings, and type the **new IP** in the browser as step-3 to login the Web UI of UA-7000. And then configure user's UA project.

# ● AI/AO Jumper Setting

To change the Selection Jumpers for Analog channels:

1. Remove the top case and upper board of the module, the selection jumpers are next to the connector.
2. Set up the **Jumper** corresponding to the type of voltage/current and input/output for each analog channel.

**Voltage/Current Input/output Selection Jumper:**

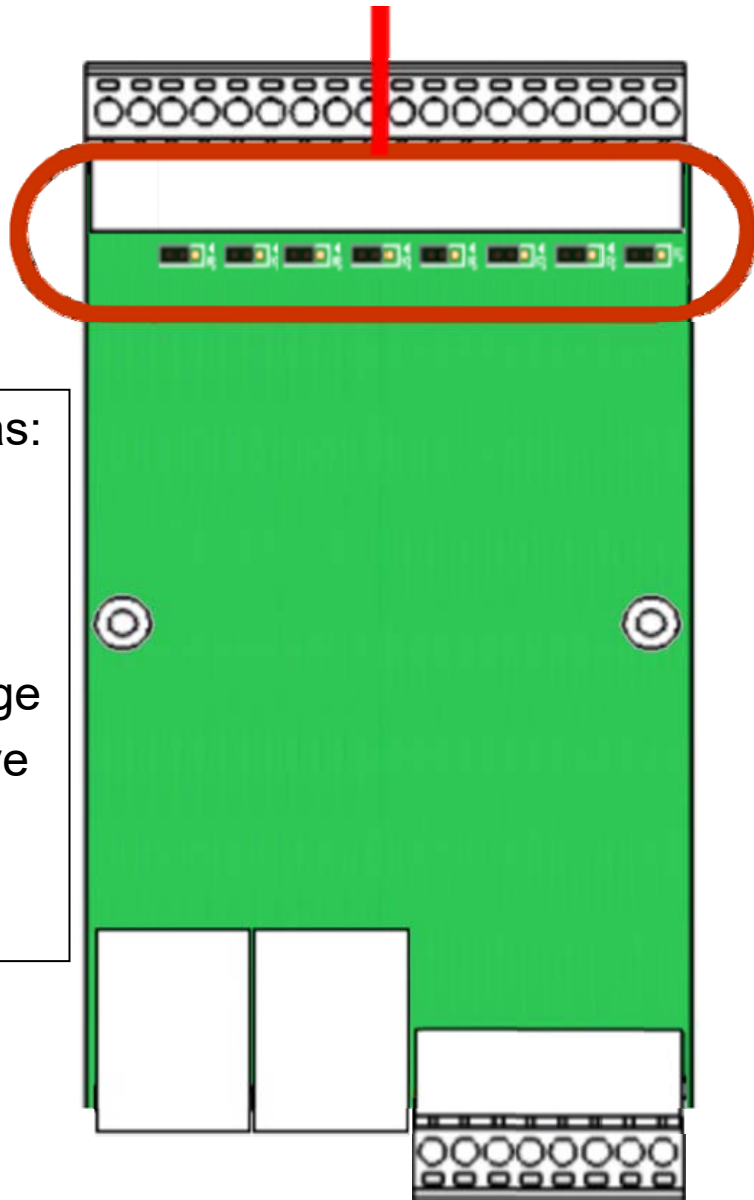


## Jumper Location:

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

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

Jumper Direction 



**(Jumpers default as:**  
 Input : Voltage  
 Output : Voltage.  
 If you need to change  
 the jumpers, remove  
 the top case and  
 upper board.)