








UA-2800 Series Quick Start

v1.1, 02/2024

Packing List

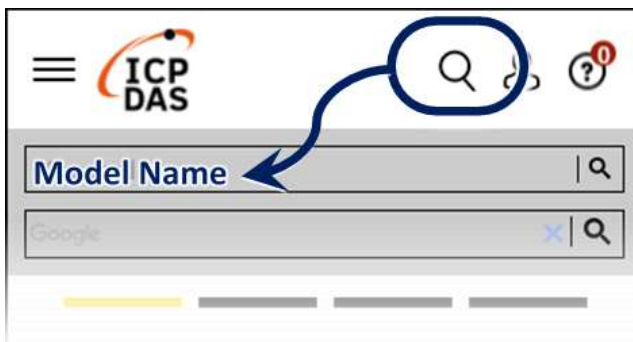
The shipping package includes this document and the following items:

				
UA-2841M	MicroSD Card	CA-0910 Cable	Pin Terminal x 16	Screw Driver

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



1. Preparations for Devices

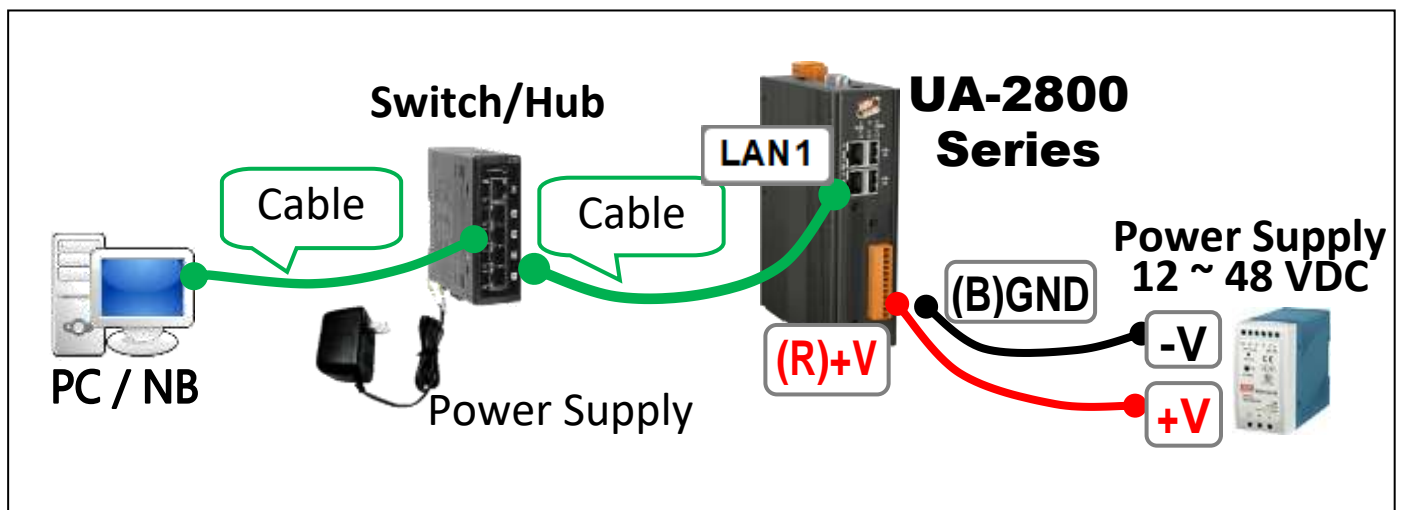
Prepare one UA-2800 (Ex: UA-2841M), and the following:

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

2. Hardware Connection

Connect the **UA-2800** with the **LAN1** RJ-45 port to an Ethernet hub/switch and PC. You can also directly link the UA to PC with an Ethernet cable.

After power is connected, please **【wait 1 minute】** for UA start-up procedure. When the "**RUN**" "**PWR**" lights start flashing, it represents the boot is complete.



3. Network Connection

Factory Default Settings of UA-2800			
Network	IP	LAN1: 192.168.255.1 LAN2: 10.0.0.1	Assign UA-2800 a new IP setting according to your case.
	Netmask	255.255.0.0	
	Gateway	LAN1: 192.168.1.1 LAN2: 10.168.1.1	
Web UI Account	Username	root	After login, change the username / password.
	Password	root	

1. Change **PC's IP** setting to be in the same network with UA.
Ex: (Write down the PC original IP settings before modify.)

IP	192.168.255.10
Subnet mask	255.255.0.0
Gateway address	192.168.1.1

2. Make sure the PC and UA 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 the system

Username :	<input type="text" value="root"/>
Password :	<input type="password" value="...."/>
Language :	<input type="text" value="English"/>
<input type="button" value="Login"/>	

3. Change the default Username/Password in the 【System Setting】 → 【Account Setting】 to use other functions.

The screenshot shows the 'Account Settings Page' in the UA-2800 Web UI. The 'System Setting' tab is selected, and the 'Account Setting' sub-tab is active. The 'Username' field is set to 'root', the 'Password' field is masked with four dots, and the 'Retype Password' field is empty. A red box highlights these three input fields. At the bottom right, there is a 'Save' button and a red warning message: 'Please change default account and password'.

4. Click 【System Setting】 → 【Time Setting】 , check if the UA time is correct. If not, **modify** or set **Time Synchronization**.

5. Click 【System Setting】 → 【Network Setting】 → 【Network Setting(LAN1)】 to change the IP setting by user network.

The screenshot shows the 'Network Setting (LAN1)' page in the UA-2800 Web UI. The 'System Setting' tab is selected, and the 'Network Setting' sub-tab is active. The 'Connection Mode' is set to 'Specify an IP address'. The IP address is set to 192.168.255.102, the Mask is 255.255.0.0, and the Gateway is 192.168.1.1. A red box highlights the IP, Mask, and Gateway input fields. At the bottom right, there is a 'Save' button.

6. 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-2800. And then configure user's UA project.