








# UA-2800 Series Quick Start

v1.1, 02/2024

## Packing List

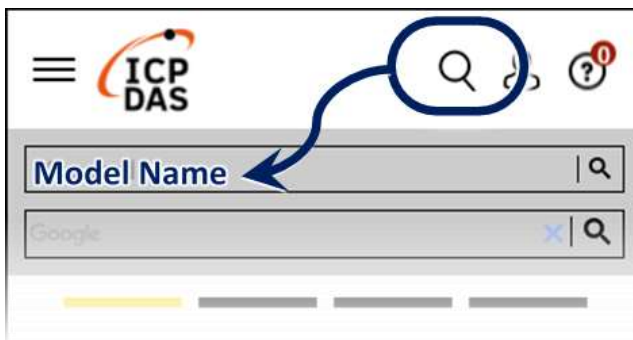
The shipping package includes this document and the following items:

				
<b>UA-2841M</b>	<b>MicroSD Card</b>	<b>CA-0910 Cable</b>	<b>Pin Terminal x 16</b>	<b>Screw Driver</b>

## 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)

<https://www.icpdas.com>

- **For Desktop Web**



# 1. Preparations for Devices

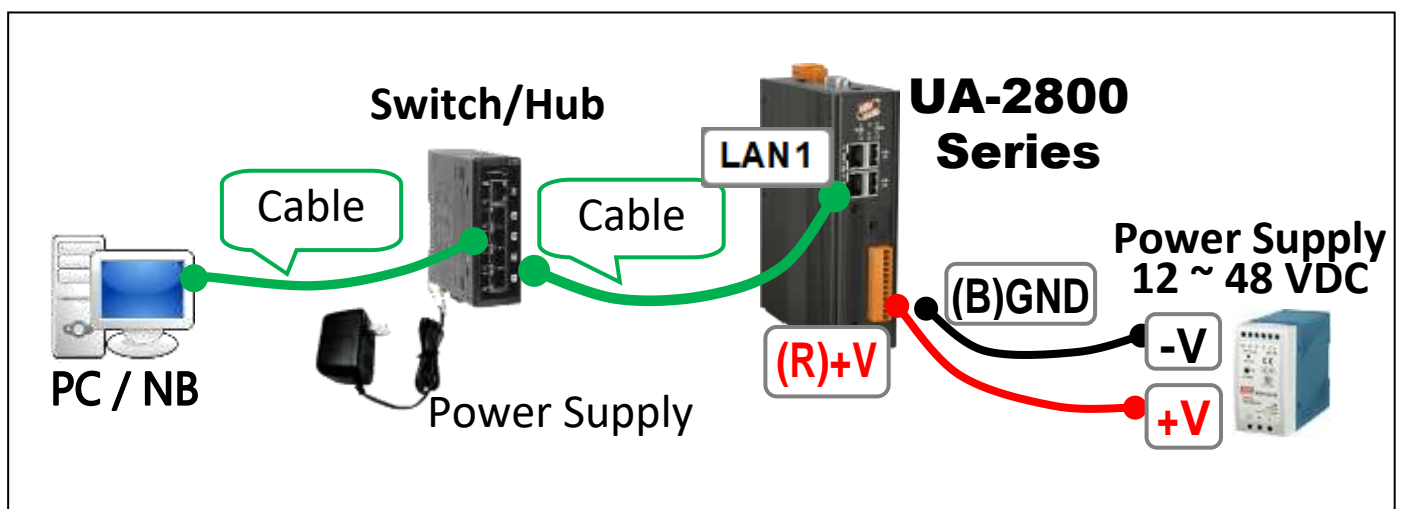
Prepare one UA-2800 (Ex: UA-2841M), and the following:

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.

System Setting    Module Setting    IoT Platform Setting    Convert Setting    Advanced Setting    Logger Setting

I/O Status    File Setting

System Setting    Account Setting

Controller Service Setting

Time Setting

Network Setting

**Account Setting**

Boot

COM Port Interface Setting

**Account Settings Page**

Username

Password

Retype Password

Save    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.

**System Setting**    Module Setting    IoT Platform Setting    Convert Setting    Advanced Setting

I/O Status    File Setting

System Setting    Network Setting

Controller Service Setting

Time Setting

**Network Setting**

Account Setting

Boot

COM Port Interface Setting

**Network Setting (LAN1)**

Connection Mode  Specify an IP address  
 Obtain an IP address automatically(DHCP)

IP

Mask

Gateway

Save

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.