



ECO Series Quick Start

V1.0, 09/2026

Packing List

The shipping package includes this document and the following items:

		
ECO-2105M	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

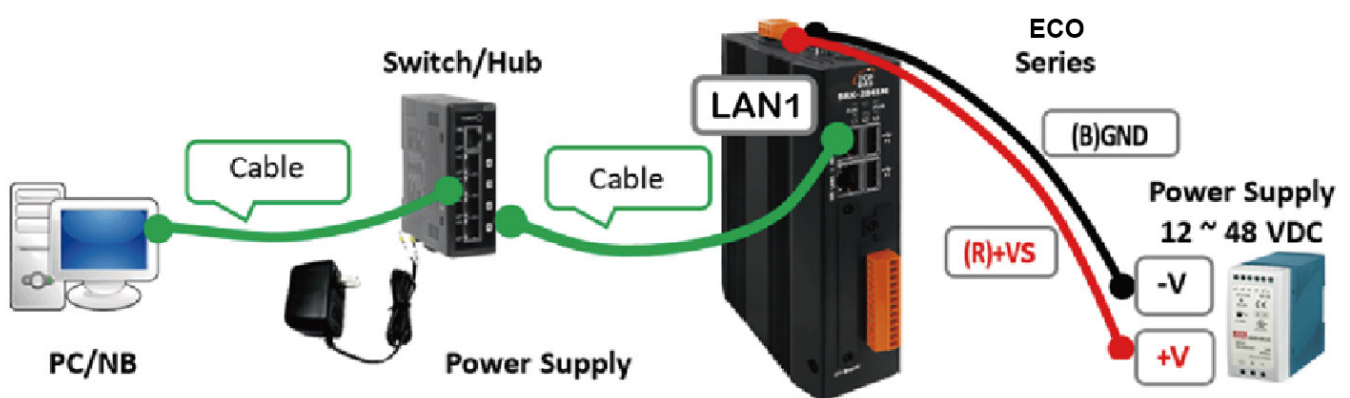
In addition to the ECO controller (Ex: ECO-2105M) , please prepare the following:

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

2. Hardware Connection

Use LAN1 of ECO-2000 to connect to the PC through a network hub/switch, or directly connect to the PC's network interface.

After power is connected, please [**wait for 1 minute**] for ECO boot procedure. When the "RUN" and "PWR" lights of the ECO start to flash green and red, it means the boot is completed, and the connection and setting can be performed.



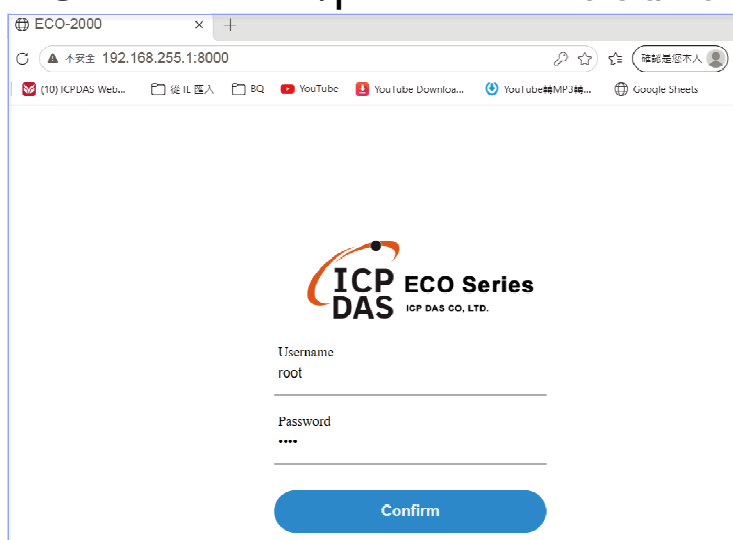
3. Network Connection

Factory Default Settings of ECO			
Network	IP	192.168.255.1:8000	Assign ECO-2000 a new IP setting according to your case.
	Netmask	255.255.0.0	
	Gateway	192.168.1.1	
Web UI Account	Username	root	After the first login, change the default username/password to use other functions.
	Password	root	

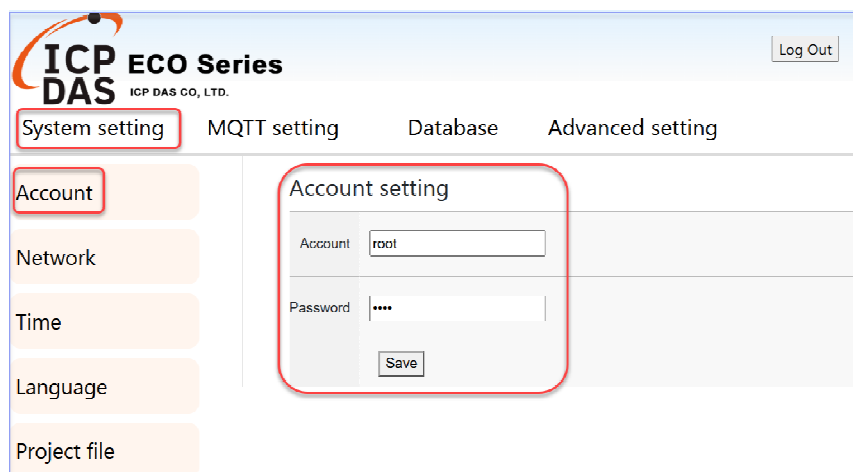
1. Change **PC's IP** setting to be in the same network with ECO.
Ex: (Write down the PC original IP settings before modify.)

IP	192.168.255.10:8000
Subnet mask	255.255.0.0
Gateway address	192.168.1.1

2. Make sure the PC and ECO is connecting through Ethernet.
And then open a PC side browser (Ex: Chrome, IE...). Type **http://192.168.255.1:8000** in the URL address. Use default Web UI username/password **root/root** to login.

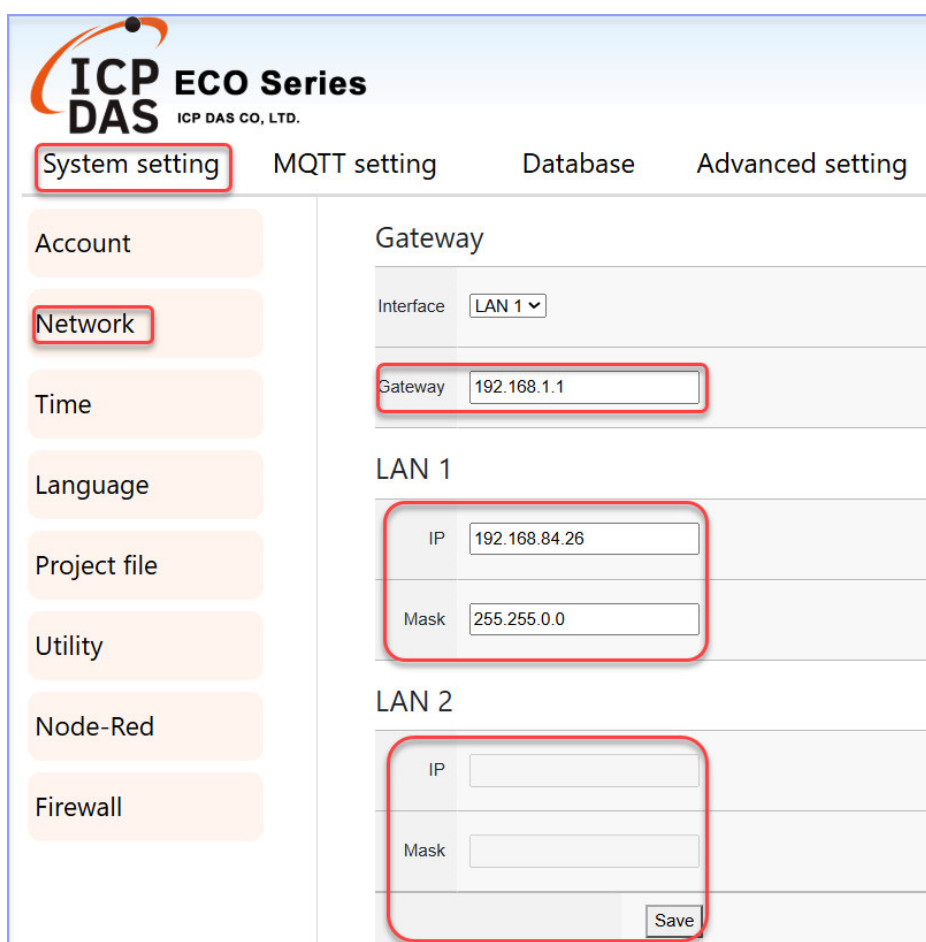


3. Change the default Username/Password in the 【System Setting】 → 【Account Setting】 to use other functions.



The screenshot shows the ICP DAS ECO Series web interface. The top navigation bar includes 'System setting', 'MQTT setting', 'Database', and 'Advanced setting'. The left sidebar lists 'Account', 'Network', 'Time', 'Language', and 'Project file'. The main content area is titled 'Account setting' and contains fields for 'Account' (set to 'root') and 'Password' (masked with dots). A 'Save' button is located below the password field.

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



The screenshot shows the ICP DAS ECO Series web interface with the 'Network' tab selected. The left sidebar lists 'Account', 'Network', 'Time', 'Language', 'Project file', 'Utility', 'Node-Red', and 'Firewall'. The main content area is titled 'Gateway' and includes a dropdown for 'Interface' (set to 'LAN 1') and a text field for 'Gateway' (set to '192.168.1.1'). Below this, there are sections for 'LAN 1' and 'LAN 2'. The 'LAN 1' section has fields for 'IP' (set to '192.168.84.26') and 'Mask' (set to '255.255.0.0'). The 'LAN 2' section has empty fields for 'IP' and 'Mask'. A 'Save' button is located at the bottom right of the LAN 2 section.

5. Save the IP setting, restore the PC original IP settings, and type the **new IP** in the browser to login the Web UI of ECO-2000.