PMC-224xM-iWSN Quick Start

v1.0, June 2024

Packing List

In addition to this guide, the package includes the following items:



PMC-224xM-iWSN



Micro SD card and Micro SD/SD adapter



Screw Driver 2.4mm (1C016)



Pin Terminal x 16

Technical Support

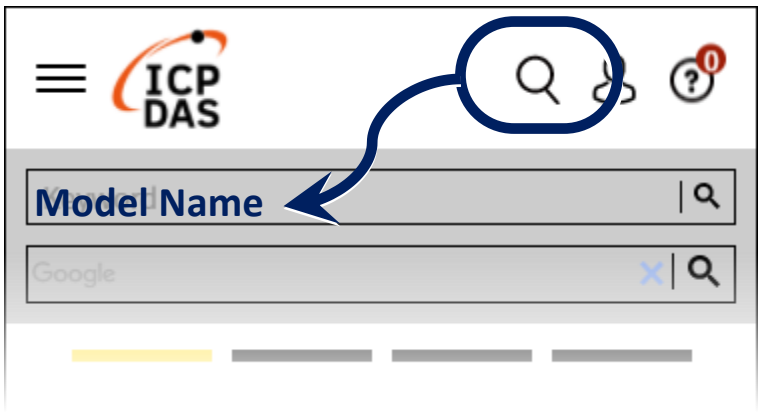
service@icpdas.com

www.icpdas.com

Resources

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

- For Mobile Web



- For Desktop Web



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1 Configuring the Boot Mode

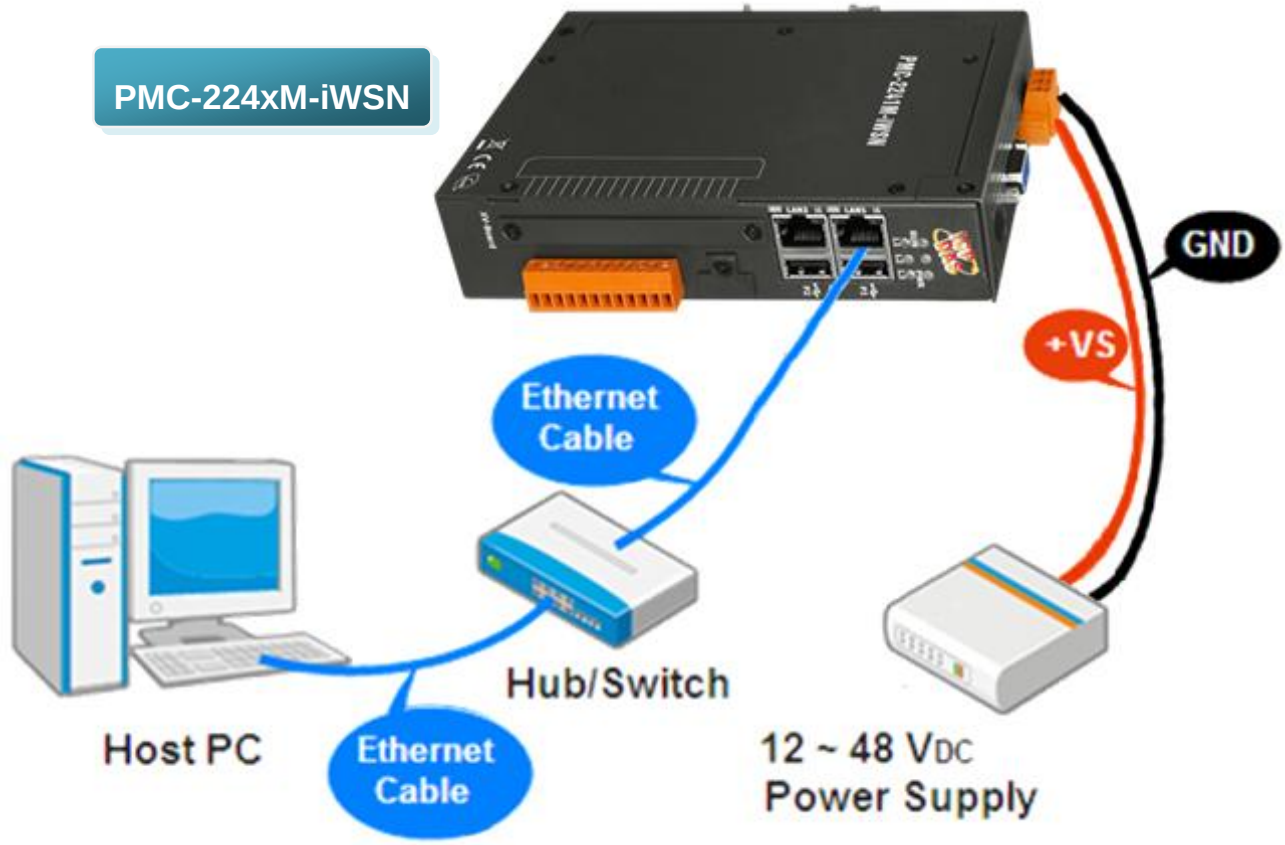
Before starting PMC-224xM-iWSN at the first time, be sure that the switch is placed in the “0” position.



The rotary switch must be placed in the "0" position

2 Connect to PC, Network and Power

The PMC-224xM-iWSN is equipped with an RJ-45 Ethernet port for connection to an Ethernet hub/switch and PC. You can also link directly the PMC-224xM-iWSN to PC with an Ethernet cable.



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3 Using Browser to Assign a New IP

The PMC-224xM-iWSN is an Ethernet controller, which comes with a default IP setting; therefore, you must first assign a new IP setting to the LAN1 port of PMC. The factory default IP settings of PMC are as follows:

Item	Default	
	LAN1	LAN2
IP Address	192.168.255.1	192.168.255.2
Subnet mask	255.255.0.0	
Gateway	192.168.0.1	
DNS Server	8.8.8.8 (Default: Google DNS Server)	

Follow the following steps for PMC-224xM-iWSN new IP setting:

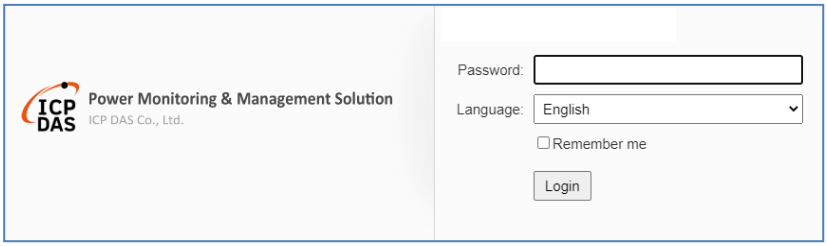
Step1: Change the PC's IP setting as following.

- ■IP: 192.168.255.10
- ■Subnet mask: 255.255.0.0
- ■Gateway address: 192.168.0.1

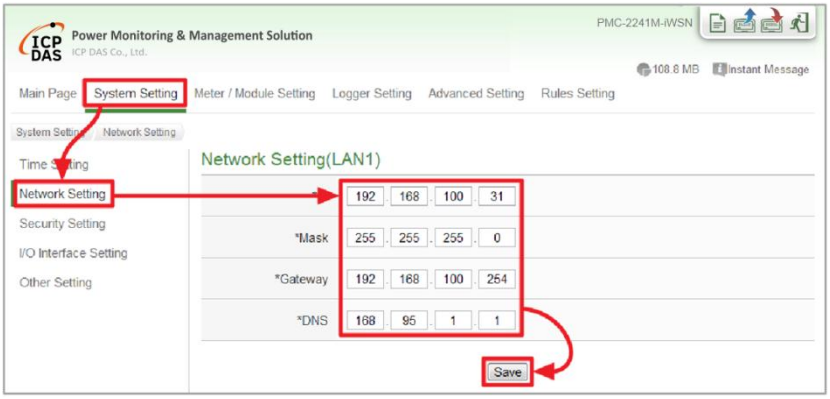
Step2: Make sure the PC and PMC(**LAN1**) is connecting through Ethernet.

Step3: Open a PC side browser, and type in the URL address (http://192.168.255.1) of the PMC to connect the Web Server in PMC.

Step4: Use default Administrator password "**Admin**" to login the system.



Step5: Please follow the sequence【System Setting】→【Network Setting】→【Network Setting(**LAN1**)】to change the IP setting of PMC.



Step6: After complete the IP setting, please save it, and then the new IP setting will take effect.

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4 Go to PMC-224xM-iWSN Web Site for Power Management

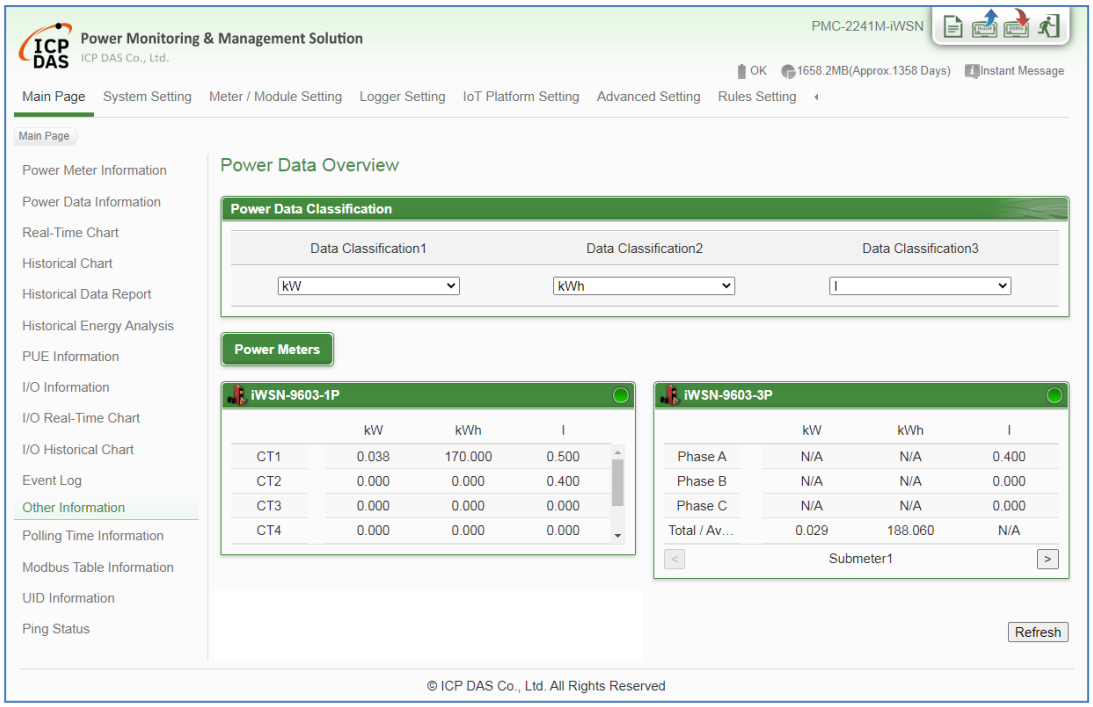
Please follow the steps below to build a power monitoring and management applications with ICP DAS PMC-224xM-iWSN & Power Meter.

Step 1: Open a browser, and type in the URL address of the PMC

Open a browser and type in the URL address(The new IP setting) of the PMC in the address bar. Make sure the IP address is accurate.

Step 2: Get on the PMC web site

Get on the PMC web site. Complete the PMC setting in the order: 【Login】→【System Setting】→【Meter / Module Setting】→【Rule Setting】→【Save】for a power monitoring and management application.



Step 3: For more detail information, please refer to PMC-224xM-iWSN User Manual

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