



# PMC-224x Quick Start

v1.1, May 2019

## Supported Models

- PMC-2241M
- PMC-2246M

## Technical Support

- **PMC-224x User Manual and Firmware:**
  - <http://pmms.icpdas.com/en/download.html>
  - [ftp://ftp.icpdas.com/pub/cd/pmc\\_cd/pmc-224x/](ftp://ftp.icpdas.com/pub/cd/pmc_cd/pmc-224x/)
- **PMC-224x Official Website:**
  - <http://pmms.icpdas.com/en/PMC.html>

## What's in the box?

The package includes the following items:



PMC-224x



microSD card



Pin Terminal\* 16



Screw Driver

# 1 Configuring the Boot Mode

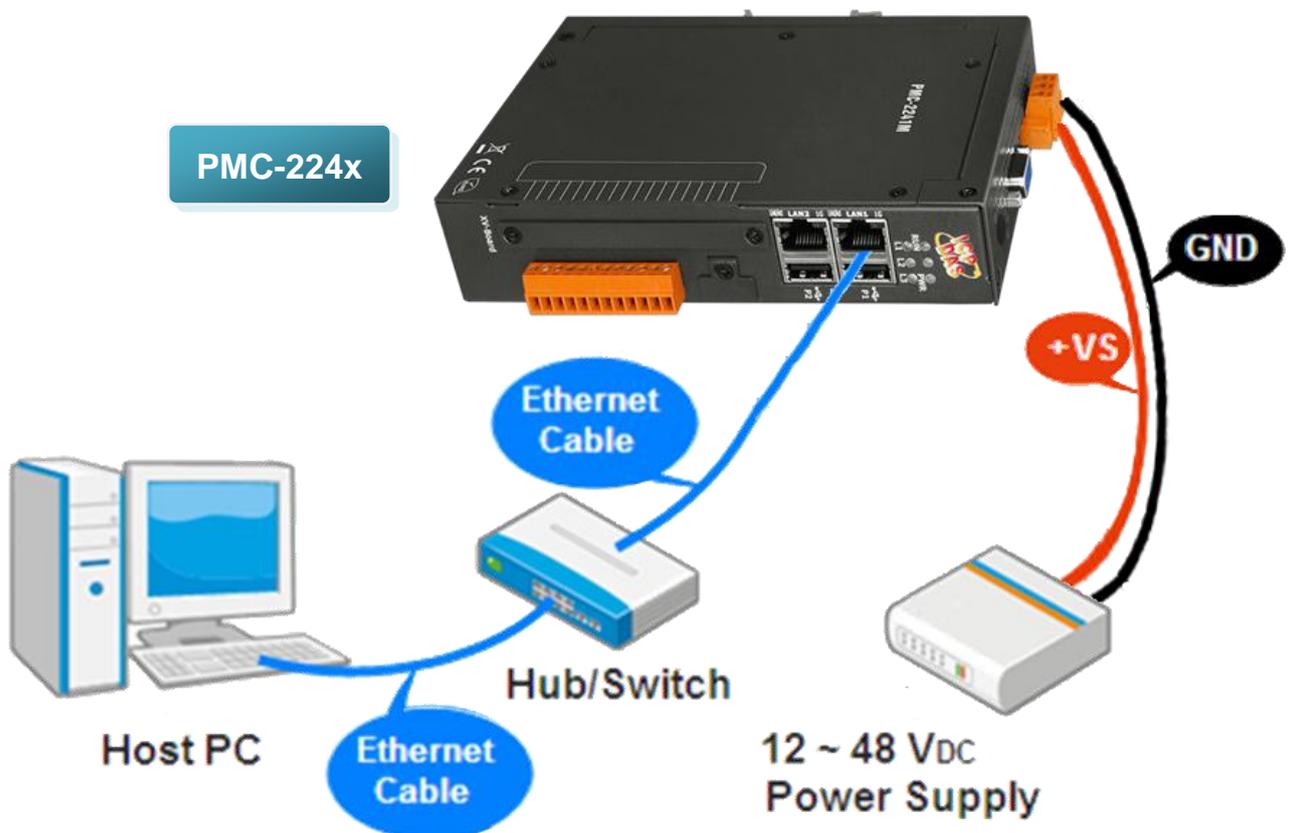
Before starting PMC-224x at the first time, be sure that the switch is placed in the "0" position.



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

# 2 Connect to PC, Network and Power

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



# 3 Using Browser to Assign a New IP

The PMC-224x 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
IP Address	192.168.255.1
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-224x new IP setting:

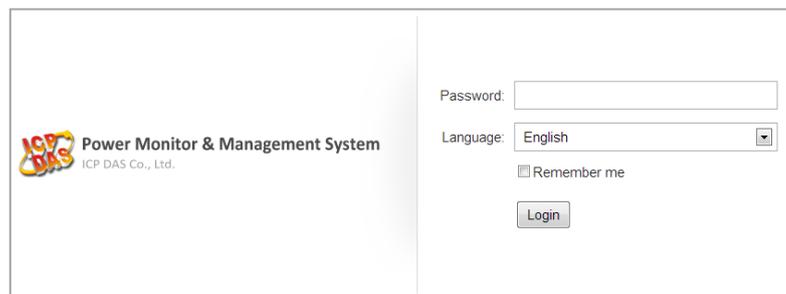
Step1: Change the PC's IP setting as following.

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

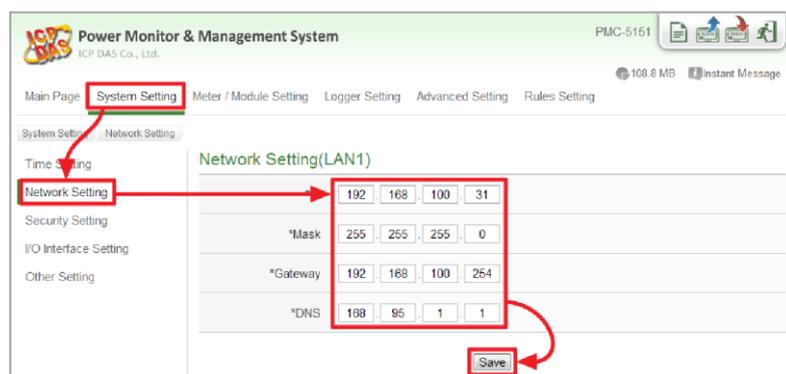
Step2: Make sure the PC and PMC(LAN1) is connecting through Ethernet.

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.

# 4 Go to PMC-224x Web Site for Power Management

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

The screenshot displays the 'Power Monitor & Management System' interface. The top navigation bar includes 'Main Page', 'System Setting', 'Meter / Module Setting', 'Logger Setting', 'Advanced Setting', and 'Rules Setting'. The main content area is titled 'Power Data Overview' and features a 'Power Data Classification' section with three dropdown menus set to 'V', 'I', and 'kW'. Below this are two 'Power Meters' sections, each with a 'Connection status' indicator and a table of power data.

Loop	V	I	kW
Loop 1	105.411	0.000	0.000
Loop 2	105.399	13.835	0.960

Loop	V	I	kW
Loop 1	105.412	20.895	1.459
Loop 2	105.412	13.892	0.975
Loop 3	105.416	20.612	1.444
Loop 4	105.416	13.793	0.967

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