



# PMC-523x Quick Start

v1.1, May 2018

## Supported Models

- ▶ PMC-5231
- ▶ PMC-5231M-4GE
- ▶ PMC-5236
- ▶ PMC-5236M-4GC
- ▶ PMC-5231M-3GWA
- ▶ PMC-5231M-4GC
- ▶ PMC-5236M-4GE

## Technical Support

- **PMC-523x User Manual and Firmware:**
  - <http://pmms.icpdas.com/en/download.html>
  - [ftp://ftp.icpdas.com/pub/cd/pmc\\_cd/pmc-523x/](ftp://ftp.icpdas.com/pub/cd/pmc_cd/pmc-523x/)
- **PMC-523x Official Website:**
  - <http://pmms.icpdas.com/en/PMC.html>

## What's in the box?

The package includes the following items:



PMC-523x

or



PMC-523xM-3GWA/4GE/4GC



microSD card



Screw Driver



Pin Terminal\* 16

(Only for PMC-523xM-3GWA / 4GE / 4GC)



GSM/GPRS Antenna  
(ANT-421-04)



44 mm  
DIN-Rail Clip



M3x6L  
Screw\* 4

# 1 Configuring the Boot Mode

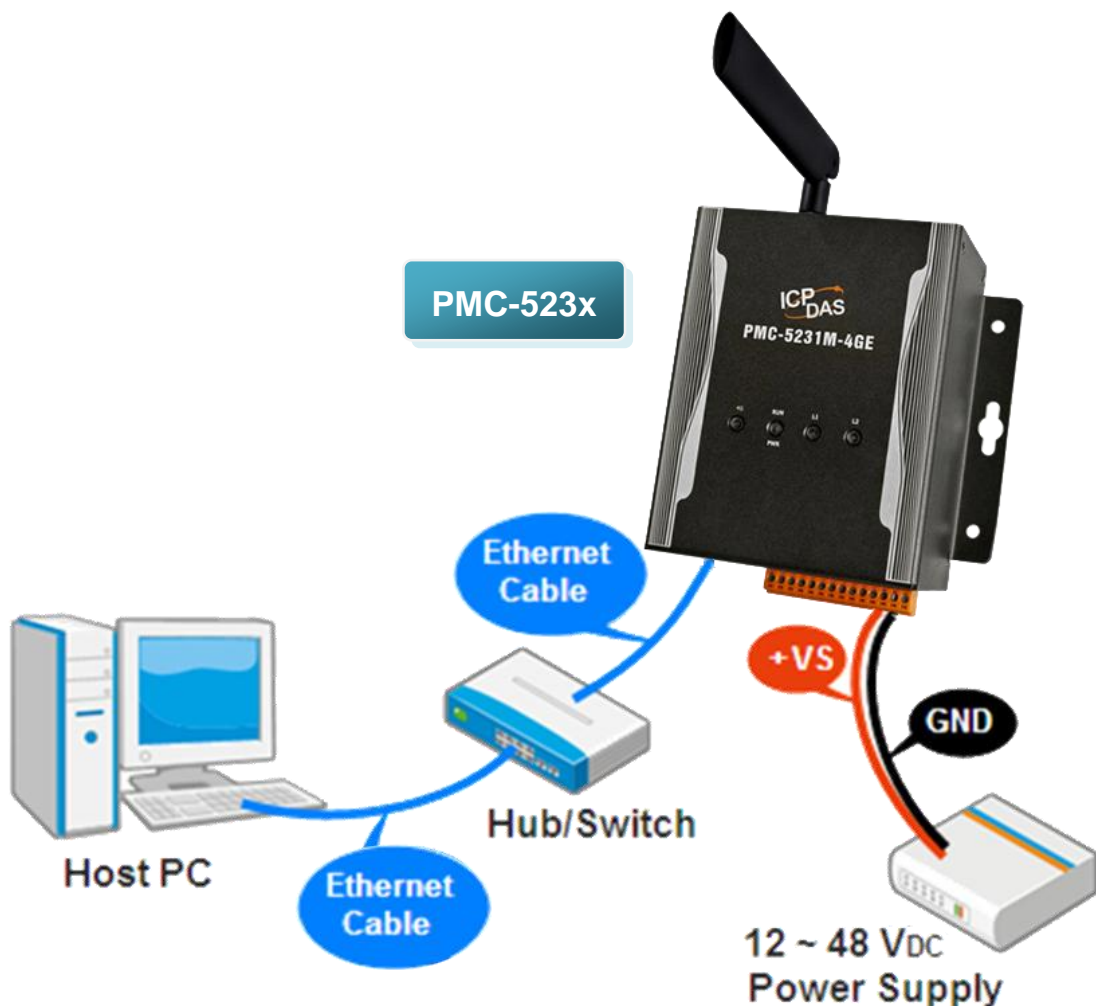
Before starting PMC-523x at the first time, be sure that the switch is placed in the "0" position.



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

# 2 Connect to PC, Network and Power

The PMC-523x is equipped with an RJ-45 Ethernet port for connection to an Ethernet hub/switch and PC. You can also link directly the PMC-523x to PC with an Ethernet cable.



# 3 Using Browser to Assign a New IP

The PMC-523x 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-523x new IP setting:

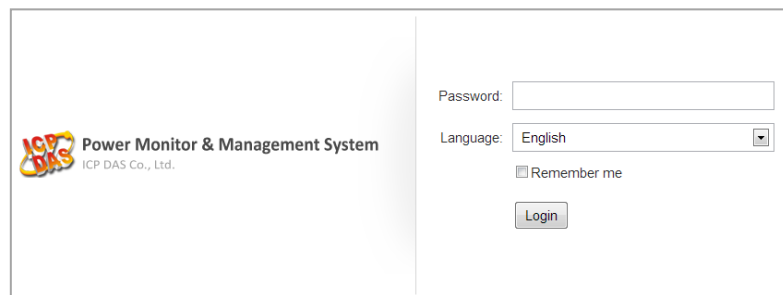
Step1: Change the PC's IP setting as following.

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

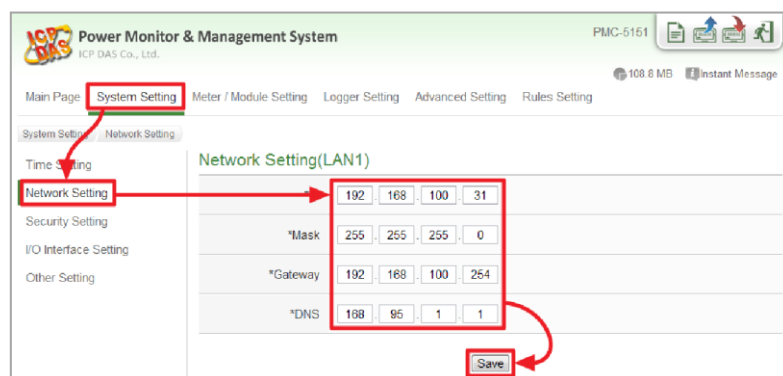
Step2: Make sure the PC and PMC(LAN1) is connecting through Ethernet.

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-523x Web Site for Power Management

Please follow the steps below to build a power monitoring and management applications with ICP DAS PMC-523x & 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' web interface. The main content area is titled 'Power Data Overview' and includes 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 table of real-time data. The first meter, PM-3112, shows data for two loops. The second meter, PM-3114, shows data for four loops. A 'Refresh' button is located at the bottom right of the data tables.

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-523x User Manual**