

PMC-224xM-iWSN Quick Start

Packing List

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



PMC-224xM-iWSN

Technical

service@icpdas.com

www.icpdas.com

Support



Micro SD card and Micro SD/SD adapter



Screw Driver

2.4mm

(1C016)

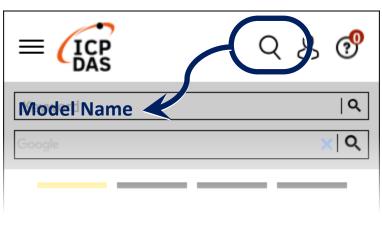


Pin Terminal x 16

Resources

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

• For Mobile Web



• For Desktop Web



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Model Name

XQ

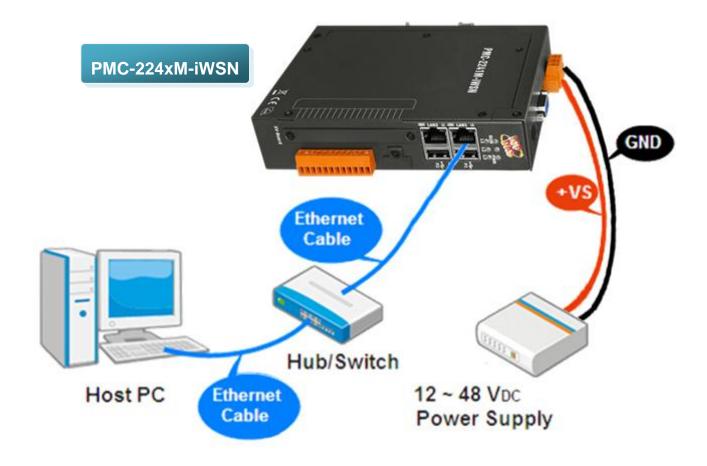
1 Configuring the Boot Mode

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



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.



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:

ltem	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 (<u>http://192.168.255.1</u>) of the PMC to connect the Web Server in PMC.
- Step4: Use default Administrator password "Admin" to login the system.

Power Monitoring & Management Solution	Password: Language: English v Remember me Login
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Step5: Please follow the sequence [System Setting] \rightarrow [Network Setting LAN1)] to change the IP setting of PMC.

ICP DAS Co., Ltd.						
	1			-	6 108.8 MB	Instant Messag
Main Page System Setting	Meter / Module Setting L	ogger Setting	Advanced Setting	Rules Setting		
System Setting Network Setting						
	Network Setting(L	AN1)				
Time Setting	inethent eething(-				
Network Setting		192 . 168	. 100 . 31			
Security Setting	"Mask	255 . 255	255 0			
I/O Interface Setting	MdSK	200 . 200	. 200 . 0			
Other Setting	*Gateway	192 . 168	. 100 . 254			
5						
	*DNS	168 . 95	. 1 . 1			

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

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: $[Login] \rightarrow [System Setting] \rightarrow [Meter / Module Setting] \rightarrow [Rule Setting] \rightarrow [Save] for a power monitoring and management application.$

	Meter / Module Sett	ing Logger S	etting IoT Platfo	rm Setting	Advance	ed Setting Rules S	etting 4		
/ain Page									
Power Meter Information	Power Data	Overview							
Power Data Information	Power Data Cla	ssification							
Real-Time Chart	Data Classification1 Data Cla				ata Clas	ssification2 Data Classification3			
Historical Chart		Data Classification i		Data Classification2			Data Classifications		
Historical Data Report	kW		~	kWh		~	1		~
Historical Energy Analysis									
PUE Information	Power Meters								
/O Information	1 iWSN-9603-	1P			\bigcirc	🛔 iWSN-9603-3	P		0
/O Real-Time Chart		kW	kWh				kW	kWh	1
/O Historical Chart	CT1	0.038	170.000	0.500	<u>^</u>	Phase A	N/A	N/A	0.400
Event Log	CT2	0.000	0.000	0.400		Phase B	N/A	N/A	0.000
Other Information	CT3	0.000	0.000	0.000		Phase C	N/A	N/A	0.000
Uther Information	CT4	0.000	0.000	0.000	-	Total / Av	0.029	188.060	N/A
						<	Submeter1		>
Polling Time Information									
Polling Time Information Modbus Table Information									
Polling Time Information Modbus Table Information UID Information Ping Status									Refresh

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