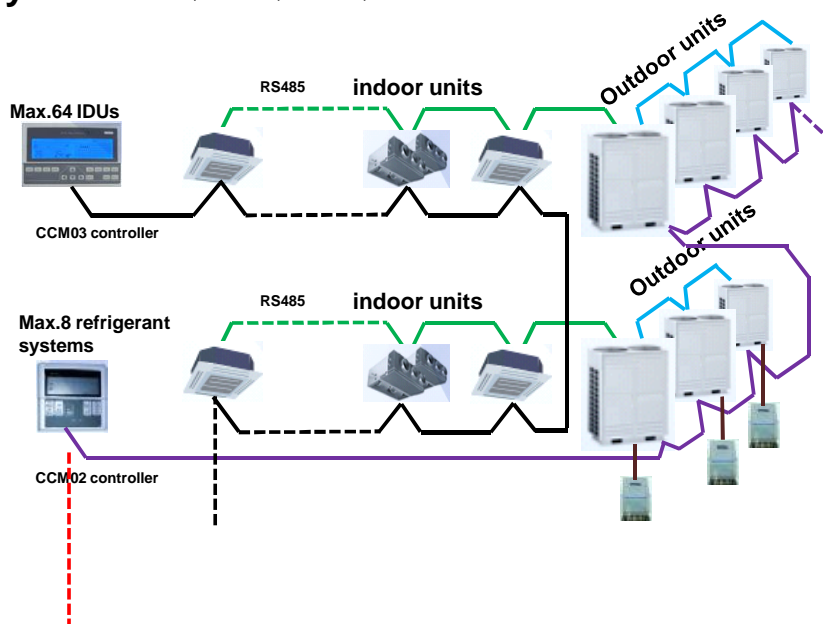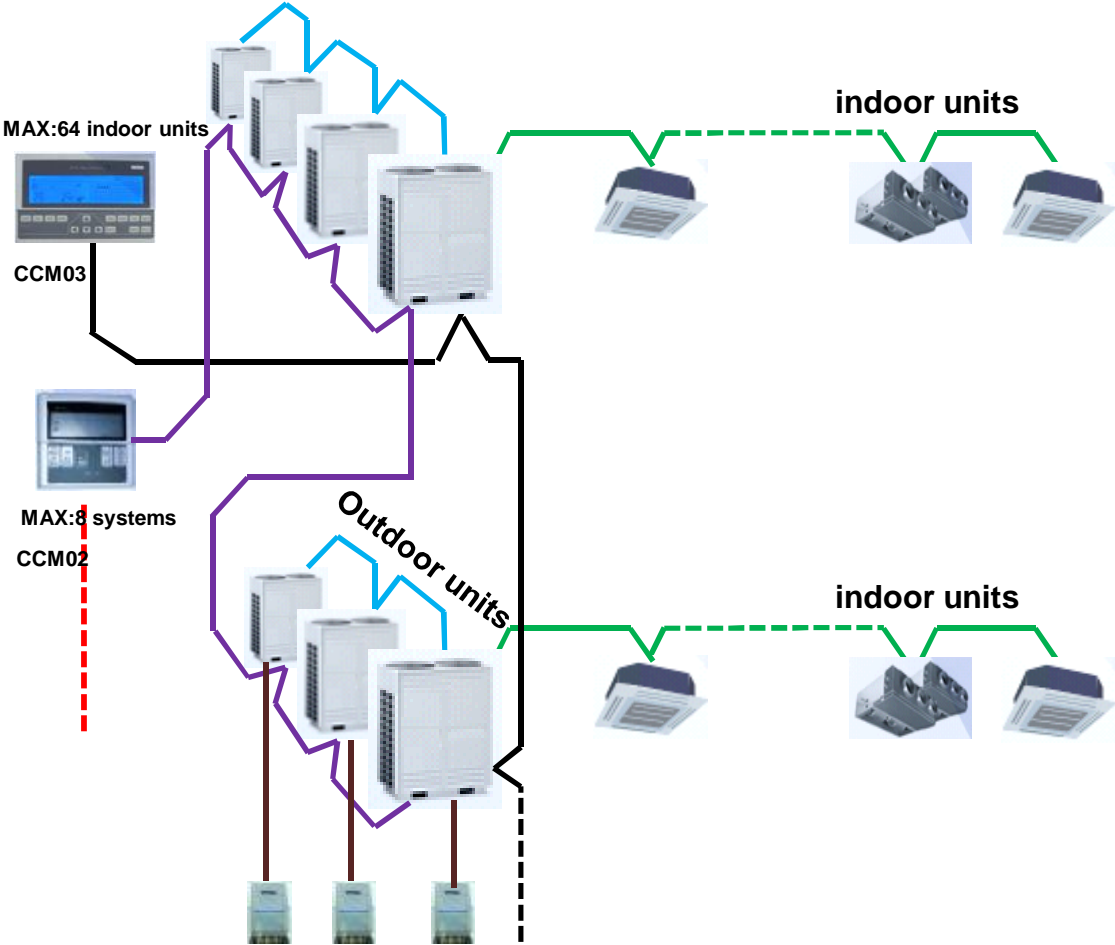# 1 BACnet Gateway---CCM08

Step1: Wiring with Central controller and indoor/outdoor units

Refrigerant System: V3、V4、D3、D4

Refrigerant System: Full V4+

MAX:64 indoor units

CCM03

MAX:8 systems

CCM02

indoor units

indoor units

Outdoor units

Step2: Wiring with gateway and central controllers

Useful port, Connect to PC

Port reserved, No useful

4*Port RS485, each port connect one CCM(indoor or outdoor) and corresponding indoor or outdoor units

EthernetA EthernetB 485A 485B 485C 485D

Each gateway has a initial IP address, this one is:192.168.208.231,Pls keep it
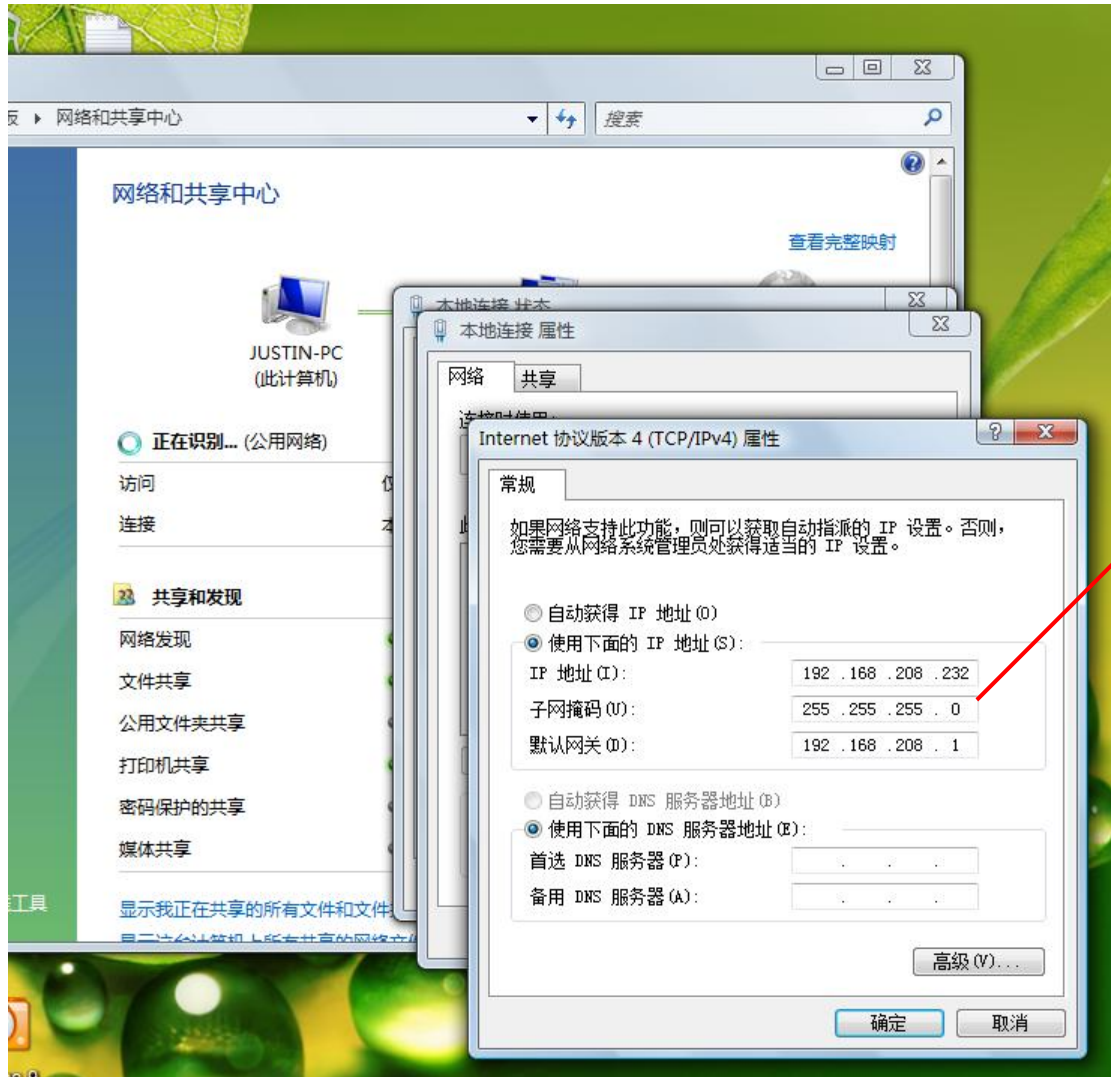
Power Socket

Power Switch
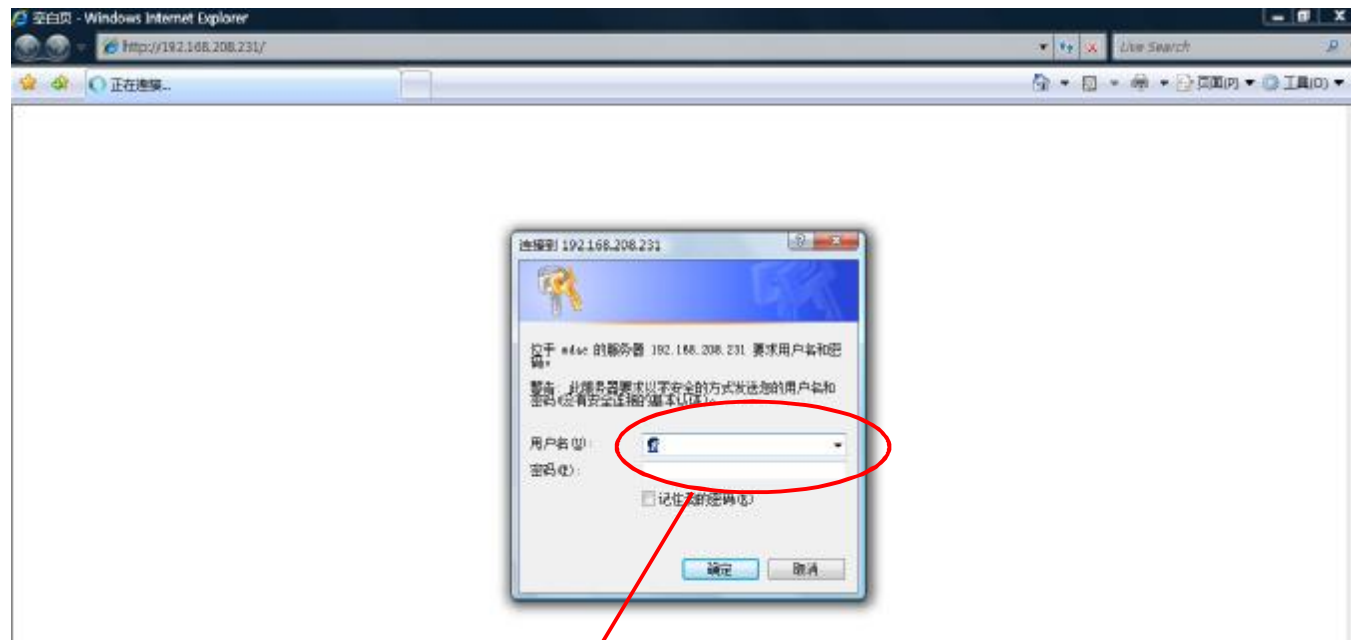
Take a PC, Connect to gateway

Ex. In this case, CCM08 connect one CCM03 and 8 IDUs

Step3: Modify IP address of PC to connect gateway

Modify the PC ip address to:192.168.208.232，under the same address range with CCM08.

Turn on IE，input 192.168.208.231 in the address bar

Initial user name：admin
Initial PW： 12345

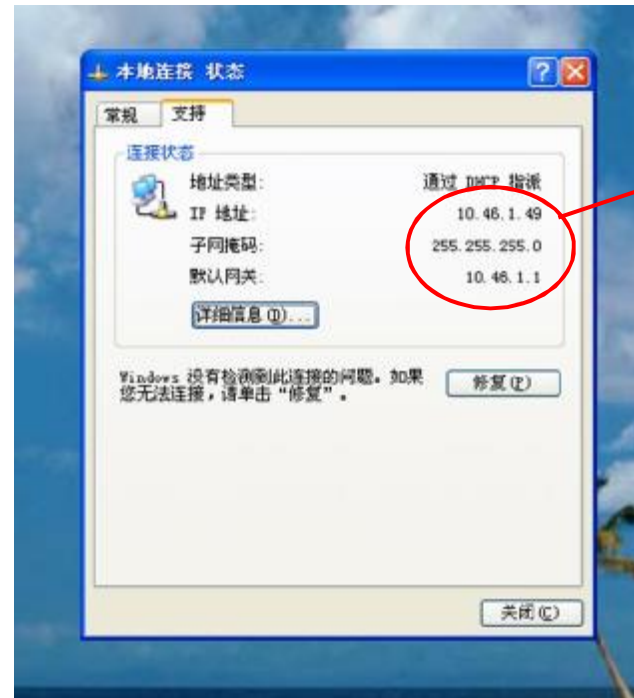# After that, the web control interface appeared

In the web control interface, we can control and monitor the A/C

Step4: Connect the gateway to LAN

Firstly, Check the IP address of existed LAN

IP address of this PC is: 10.46.1.49, pls keep it

Next, Change the ip address of CCM08

Cannot choose this item !!!

No useful, Don't care about it

Change the ip address under the same address range. Pls ask the IT administrator which ip address is available. In this case, ip address of CCM08 have been changed to 10.46.1.2

After modified, Click "Rebot"botton

Connect CCM08 to LAN by Hub
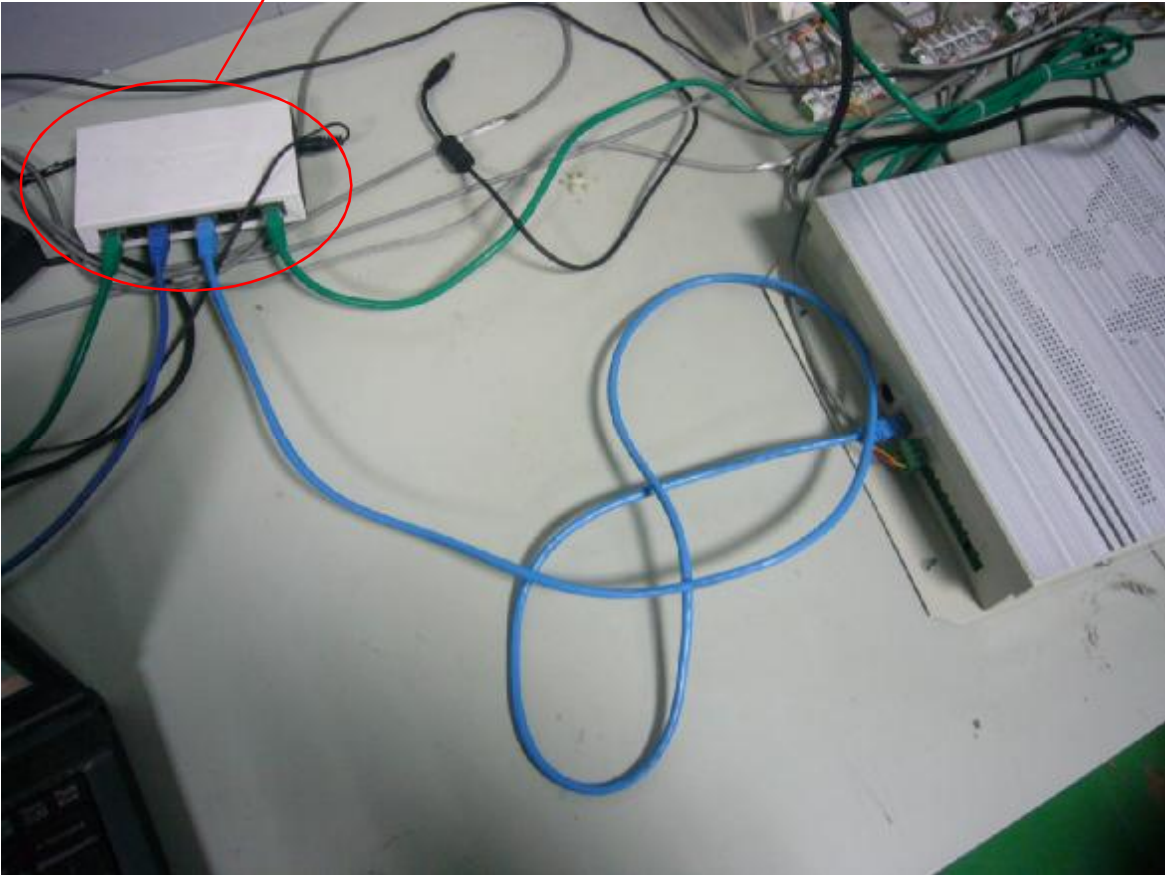
On any PC of LAN, input 10.46.1.2 on IE address bar, get into the web control interface, So CCM08 has been connected to LAN.

Additional: CCM08 cooperate with 3rd network software

Ex. In this case, IP address of PC is 10.46.1.253, ip address of CCM08 is 10.46.1.251. There are 10 IDUs(Network address range: (0054~0063), 1 ODU(Network address: 1800)

Turn on ACServer

ACServer3.0

System   Database   Interface Set   Help

VCN RS232 Set …
A/C RS232 Set …
Client TCP/IP Set …
A/C TCP/IP Set…

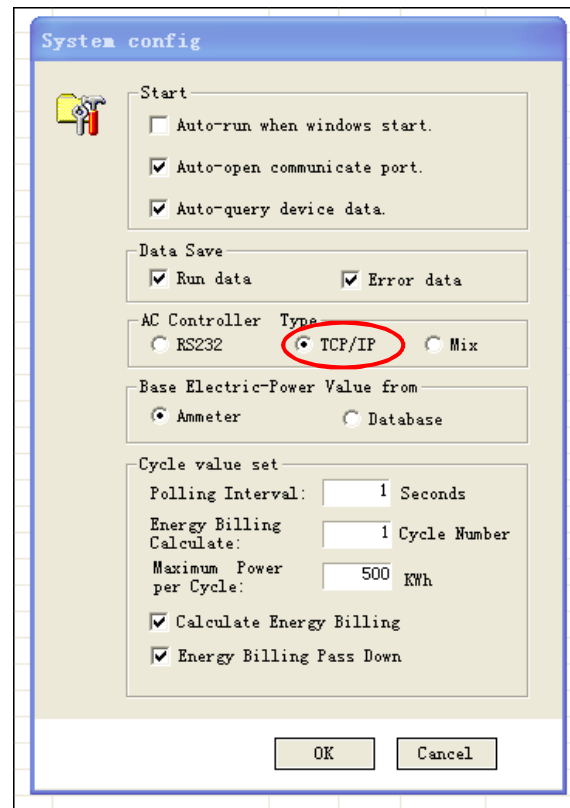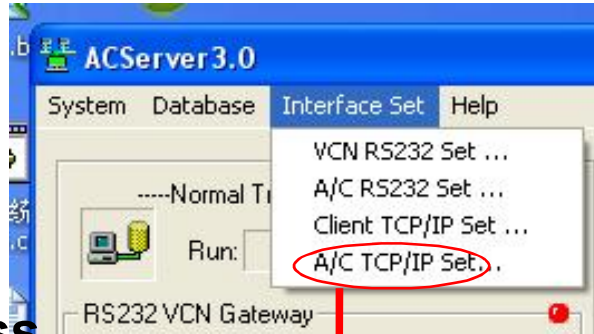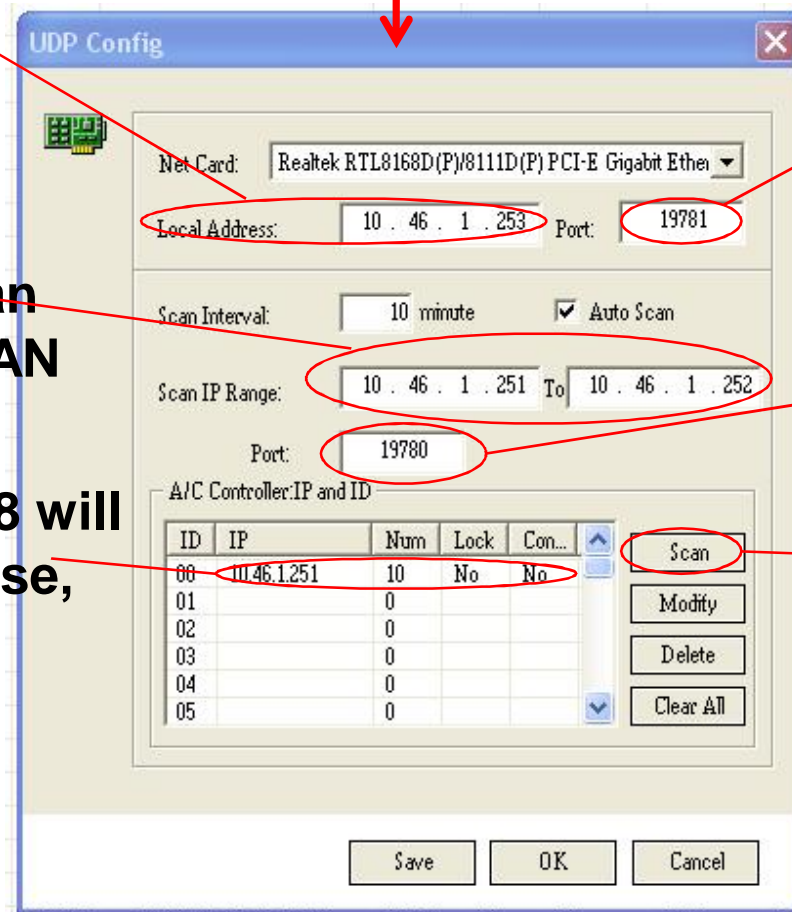-----Normal T
Run:
RS232 VCN Gateway

1.This is PC ip address

2.In any case, here have to be 19781

3.This is CCM08 ip address range. Max.256 CCM08 can be connected to LAN

UDP Config

Net Card: Realtek RTL8168D(P)/8111D(P) PCI-E Gigabit Ether

Local Address: 10 . 46 . 1 . 253   Port: 19781

Scan Interval: 10 minute   ☑ Auto Scan

Scan IP Range: 10 . 46 . 1 . 251   To   10 . 46 . 1 . 252

Port: 19780

A/C Controller:IP and ID

ID	IP	Num	Lock	Con...
00	10.46.1.251	10	No	No
01		0		
02		0		
03		0		
04		0		
05		0		

Scan
Modify
Delete
Clear All

Save   OK   Cancel

4.In any case, here have to be 19780

5.Finish all setting above, Click Scan

6.All existed CCM08 will be found. In this case, only one.

After configuration, Searching the devices

After search, back to software main interface