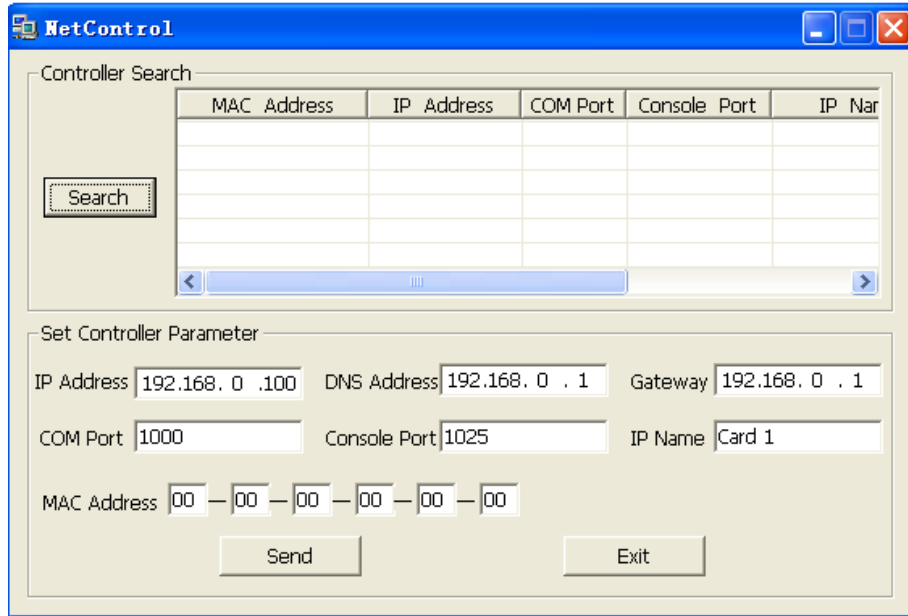


# Net Control manual

(Ethernet controller search and setup software manual)



Run NetControl software and click “Search”, you should see the information as follows if there is an ethernet controller within your LAN.

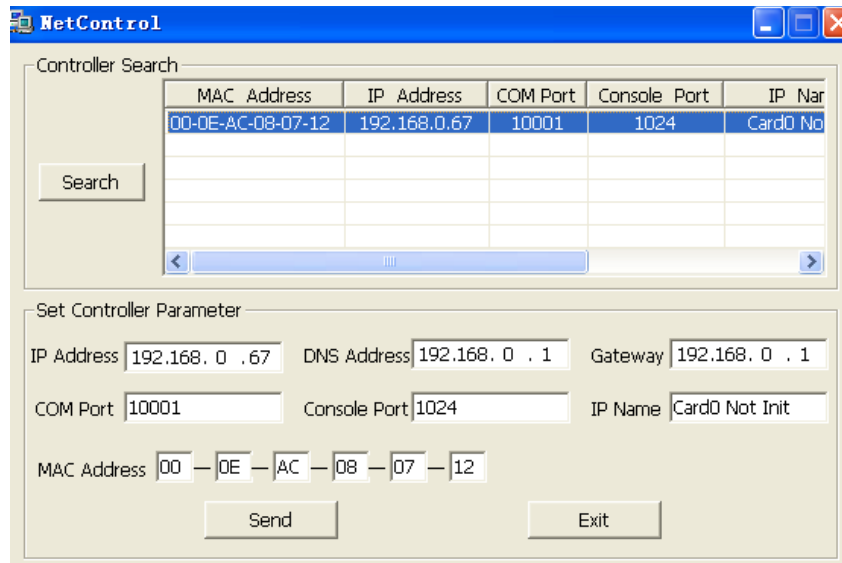
MAC Address	IP Address	COM Port	Console Port	IP Nar
00-0E-AC-08-07-12	192.168.0.67	10001	1024	Card0 No

If there are any controllers in your LAN and their MAC addresses and IP addresses are different, you will see them all listed.

Click “Search” and you will see the IP address and COM port information of the Ethernet controller connected.

When setting the “Set Controller Parameter”:

1. If there are multiple controllers in the same LAN, you must set each controller with a unique MAC address and IP address.
2. The MAC address and IP address of the controller interfere with those of other devices like PC's.
3. The DNS address of the controller is different than that of LAN.
4. The COM port has been used by other software.
5. Console port has been used by other software.
6. Set an IP name to identify an IP or controller easily.



Click the item in “Set Controller Parameter”, you will find the same information as the list above. And then you can set each item.

IP Address: IP address of the controller.

DNS Address: DNS address of the controller.

Gateway: Gateway of the controller.

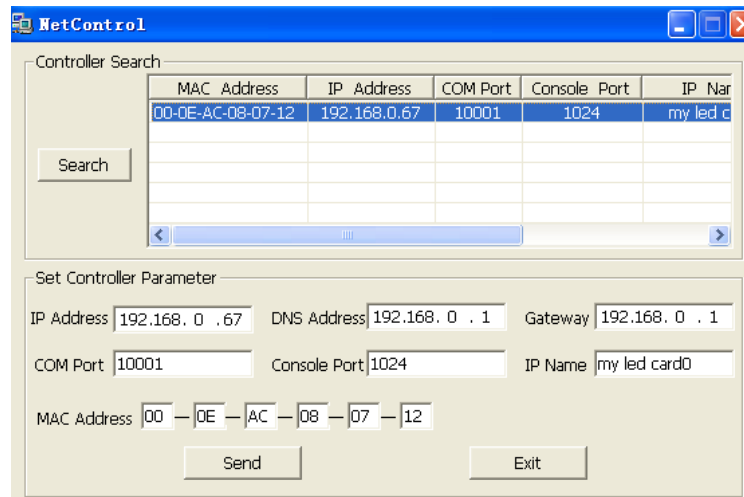
Com Port: communication port

Console Port: configuration port

IP Name: name of the IP address or the controller.

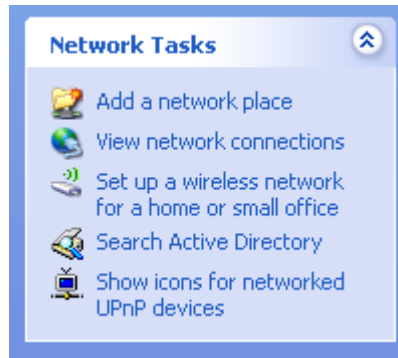
MAC Address: MAC address of the controller.

After you have set them all press “Send”, the configuration parameter will then be downloaded to the controller, then press “Search”, you will see the information that you have just set up.



To set the specific IP address ,MAC address, DNS address, Subnet mask, download port, configure the port for the card and how much it will be set to you will need to search for the appropriate reference ,and then set these parameters.

First you will need to look for a computer in the controller LAN. Open My Network Places, then Click network connection on the internet task column. See the picture below:

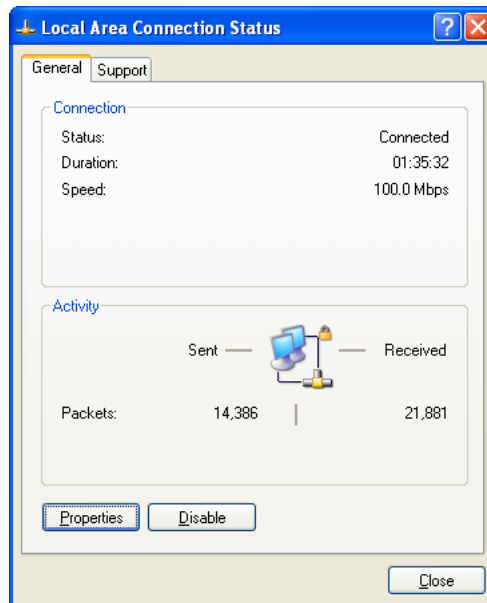


Find out the local connection, as in the picture below:

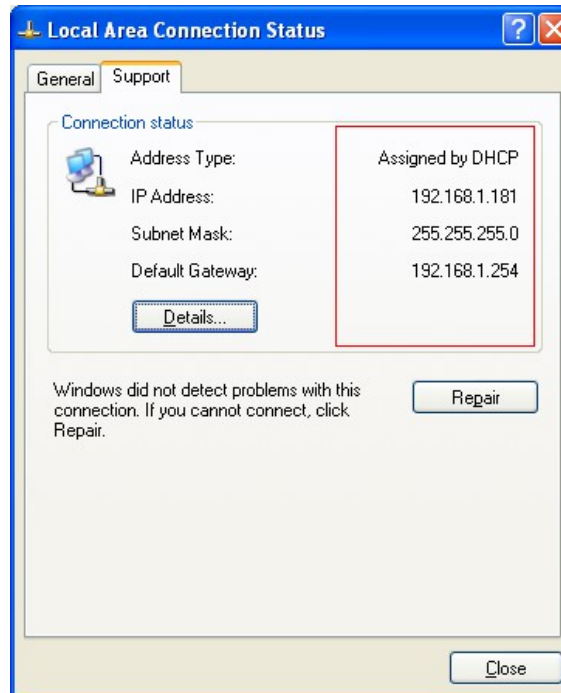
#### LAN or High-Speed Internet



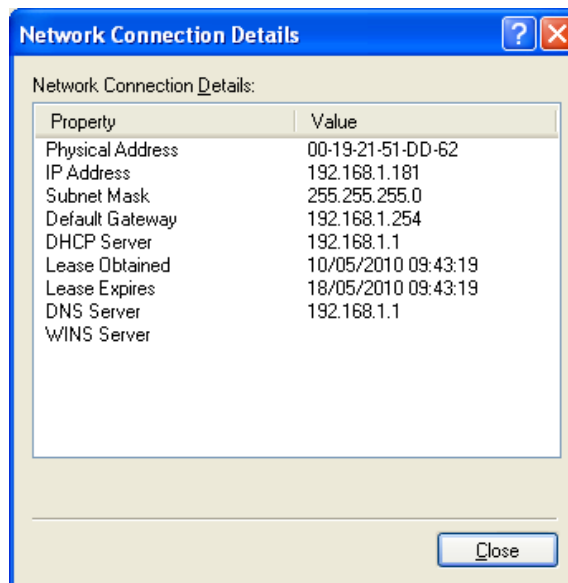
Double Click the Icon. This should bring up the Local Area connection status dialog box ,as in the picture below :



Then Click Support as in the picture below:



Note the information highlighted in the RED block, for example IP address, Subnet mask and so on. For more details , please click 'details', as in the picture below:



You will see the DNS address as in the picture above .

Using this information, you can now adjust your settings, for example if there are 10 cards, but only one core PC you can set one IP address as 192.168.1.55 , and the other ones set to whatever you want to, for example you can set these 10 cards from 192.168.1.201 to 192.168.1.210 . Their Subnet mask is the same: 255.255.255.255 and DNS address the same: 192.168.1.1. As usual there is no need to reset the download port and communication port. You can change the IP name to whatever is relevant for example, one hospital needs ten LED signs and wishes to put the first on the door you can change the IP name to DOOR and the same for the MAC address which you could label 1 to 9 or A to F as long as you do not repeat it.

## General help

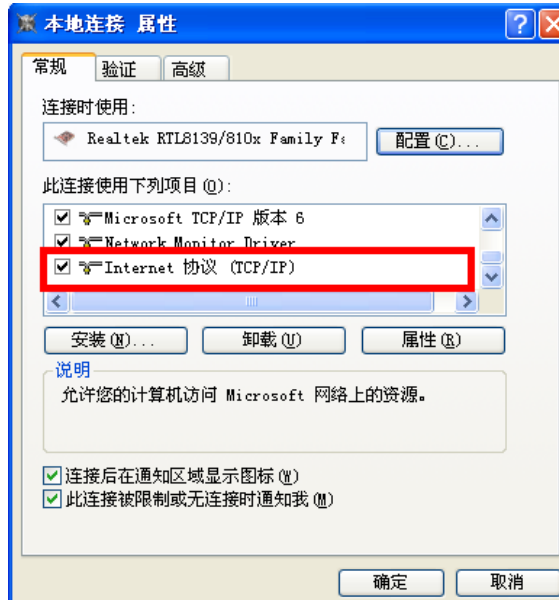
If your PC IP address is not in one section as Control card's IP address ,your PC maybe can not detect the control card ,u can do as following :

1. Our Control card default IP address is 192.168.0.100
2. If your IP address is not 192.168.0.XXX,please change your PC IP address to 192.168.0.XXX (except 100),then click "search " , u will detect the control card .
3. When u detect the control card , u can change the control card's IP parameter follow your normal use . PS, When u change our control card IP address , don't forget change PC IP address again .

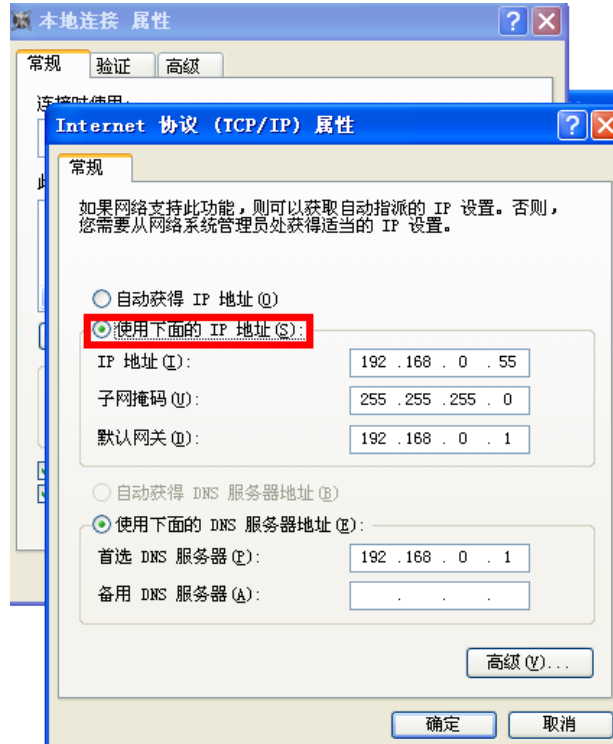
**How to change PC IP address , please do as following :**



In Figure, Click the property button



After U click property button , it will pop out a dialog box in figure, Double click internet protocol (TCP/IP).



After u double click internet protocol (TCP/IP), it will pop out a dialog box in figure,manual input IP address ,then click confirm .

That u have change your IP address.