

ND-100

1. Connect the power supply 12VDC to the board
2. Connect LAN cable between Router and ND-100
3. Now you can access via any computer which is in the same Network.
4. Open Web Browser, Internet Explorer or FireFox or other.
5. Key : <http://192.168.1.99> to see the temperature and voltage of each channel.
6. Key : <http://192.168.1.99/1234/> to change IP address / Password / Settings / Calibrate Voltage

- *Change IP , to change IP address*
- *Change Password, to change password , default : 1234*
- *Setting , to set service port , default is 80*
- *Calibration voltage, to calibration the voltage with accuracy source*

Default IP is 192.168.1.99

Default Password is 1234

7. Key : <http://192.168.1.99/1234/4> to calibration voltage
- 7.1 Connect Reference voltage source (not over 30V) , example : 10.00V to CH1
Confirm by Multimeter or OSC . **Please use only external source, not connect voltage reference which comes from ND-100 board !!!**
- 7.8 Key 10.00
- 7.9 Click Set , waiting for 5 second

Accuracy of voltage is +10mV/-10mV

In case, you can not connect to this board, go to DOS prompt

C:\> arp -d 192.168.1.99 This command will clear ARP Cache in Windows system

Reset IP address to default

1. Remove Power Supply
2. Press and hold **Reset button** ,then power on wait 5 second
3. Release **Reset button**

In Case, you want to access from outside your home. Please register the Dynamic IP address at free website , Dynamic DNS, dyndns.org,

Put the IP of Net Control Board 192.168.1.99 to Virtual Host or Virtual Server Setting in your router setting, which may different location in any brand of modem router. Your modem router will send your Router IP to this website. Then you can control 4 Relay from internet via Web browser outside your home.

Please access to dyndns.org , how to setting.