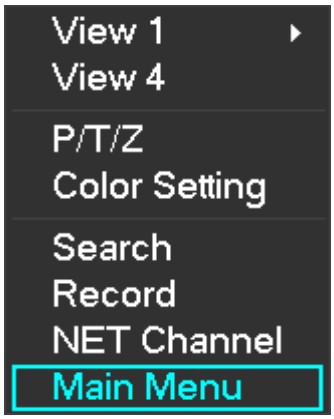
August 2014 | 1725E1

Setting up NVR with P2P

This document will explain how to add an NVR to a network and allow it to be accessed from an external network.

Main Menu

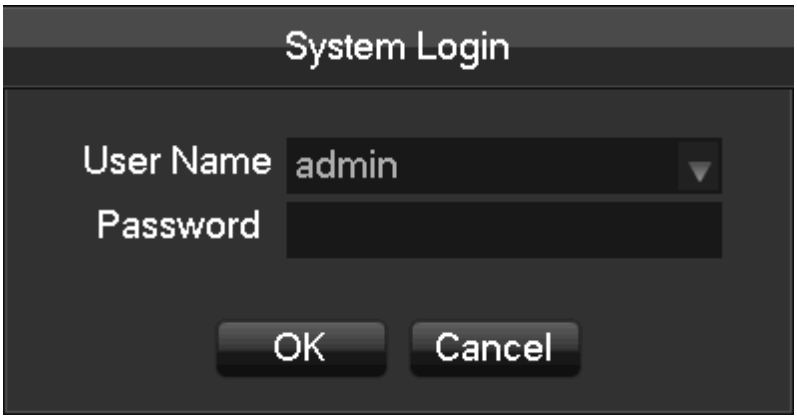
Log onto the NVR's menu by right clicking on the mouse and selecting main menu



System Login

This will display the login page. The details to log in are as follows:

- **Username:** admin
- **Password:** 123456

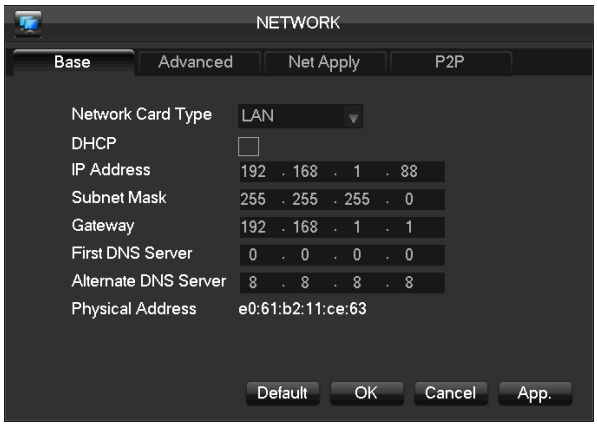


Main Menu

This will display the main menu, in this menu there is a “Network icon”, select this to display the network menu.

Network

In this menu there are number of tabs at the top of the screen. Showing the following:
Base, Advanced, Net Apply, P2p
The only two menus that are needed are:
“Base” and **“P2P”**



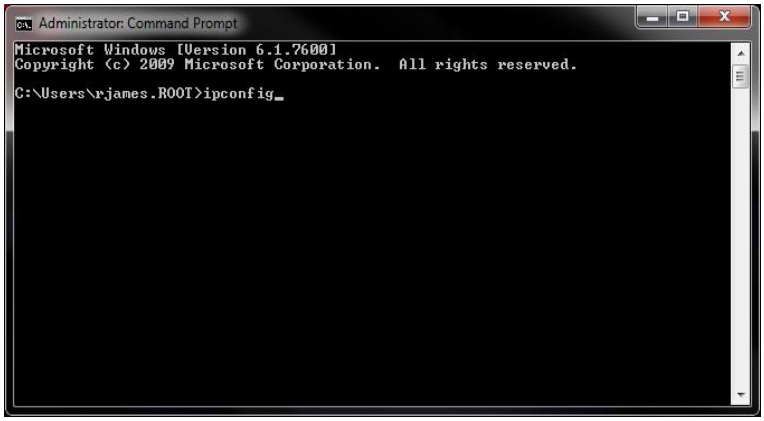
In the Base menu the NVR needs setting up on the local area network (LAN), this can be done manually or automatically.

Automatically is done by enabling DHCP this can only work if the router supports DHCP. The unit will then find a free IP address on the network this is done by enabling “DHCP” on the NVR in Base menu.

Manually getting a free IP address is done by finding a free IP address on the LAN, this is done by setting up a ping in a command prompt, to do this you will need a computer that is on the LAN. Open the start menu “Windows Icon”, this will display a number of programs and a search bar, type into the search bar “CMD” this will then display a file named CMD. Select this and the program will run.

IpConfig in command prompt

In the window type the following "ipconfig" then press enter and this will display the IP Address of the computer along with the Gateway and Subnet.
e.g. 192.168.1.2 (IP Address), 192.168.1.1 (Gateway), 255.255.255.0 (Subnet).

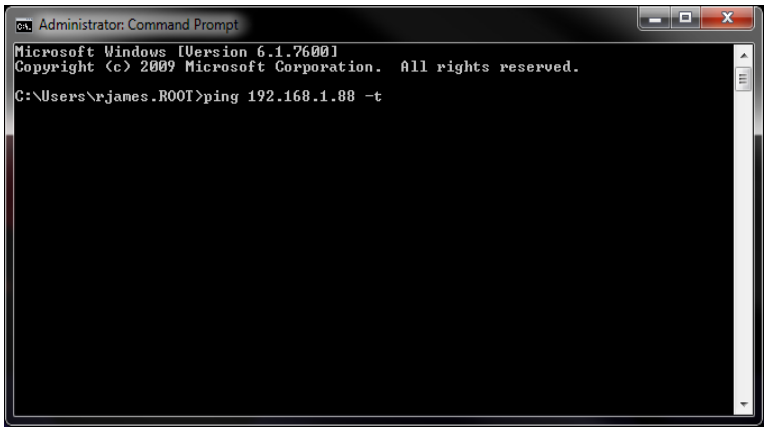


Once this information is displayed type in a ping command to find a free IP address on the LAN. This will only reply if a device is using that IP address in question

Ping in command prompt

Type into the command prompt ping followed by the IP address. e.g "ping 192.168.1.88 –t" press enter.
This may replay with Request timed out. If this is the case then that IP address is free on the LAN.

If the reply has "bytes=32 time<1ms TTL=64" or something similar, the IP is not free on the LAN.



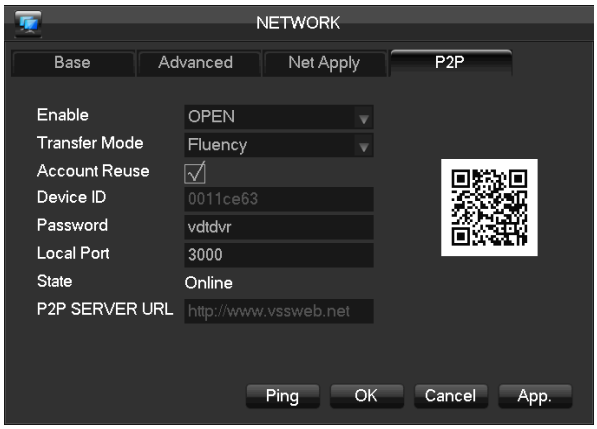
To stop this command press "Ctrl and C" on the keyboard. Once you have an IP address that is free then this can be used in the NVR. Making sure the Subnet and Gateway are the same as displayed in the ipconfig performed earlier.

If all this information is correct then the unit will be accessible from the computer used, to check this type in the "CMD" program the following:
e.g. ping 192.168.1.88 –t and the unit will reply.

After successfully adding the unit onto the network the next thing that needs doing is the following log onto the NVR as shown earlier in this document and go into network
On the NVR select the “P2P” menu

P2P Network Menu

Settings needed are as follows:
Enable: Open
Transfer Mode: Fluency
Account Reuse: Ticked
Device: unique to each DVR
Password: can be changed
Local Port: 3000
State: Online
P2P SERVER URL: http://www.vssweb.net
Select “App” then “OK” to apply the changes made.



If the unit is Offline the unit needs checking to see if it’s on the network and then “ping” needs selecting in the NVR menu this should become online.