

Quick Guide to DVR Network Setup

By Ameba Technology

1. At the DVR location, first log into the system under the “Admin” account and go into “Network Setup”



2. In the menu of Network Setup”, make sure to set it for “DHCP”. Click on “OK” to exit.

Network Setup

Connected to:

Static IP PPPoE **DHCP**

IP: 192 . 168 . 1 . 100

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

DNS: 8 . 8 . 8 . 8

HTTP DDNS NTP Mail Setup FTP

☒ Enable

Port: 1 82 >

OK Cancel

3. Select/Go to “System Information”



You will now see the internal IP address of the DVR, assigned by the router. Please write down the IP address. (example 192.168.1.105)

System Information

DVR

Model: 4CH (NTSC)
Version: 2.0b50_20121214

Network

IP: 192.168.1.105
MAC: 00:17:74:F0:C0:02

HDD

Recording Scheme: Continuous Record

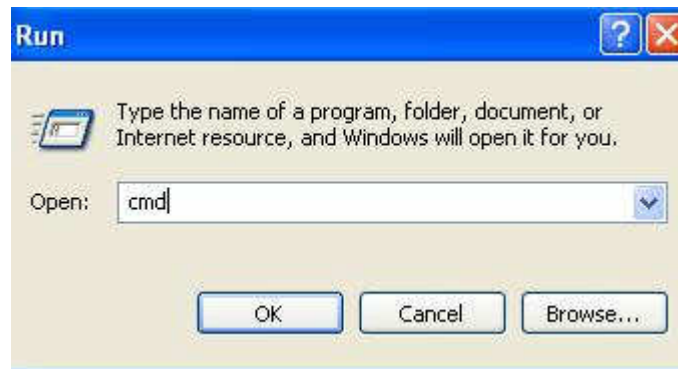
Model	Status	Attribute	Free/Capacity
1 ST3500320SV	Recording	Overwritable	3.4GB/465.7GB

S.M.A.R.T. Information...

Close

- Access another PC in the same network. Go into the command prompt to find out the network information. (Make sure that the computer you are using is on the same network as the DVR.)

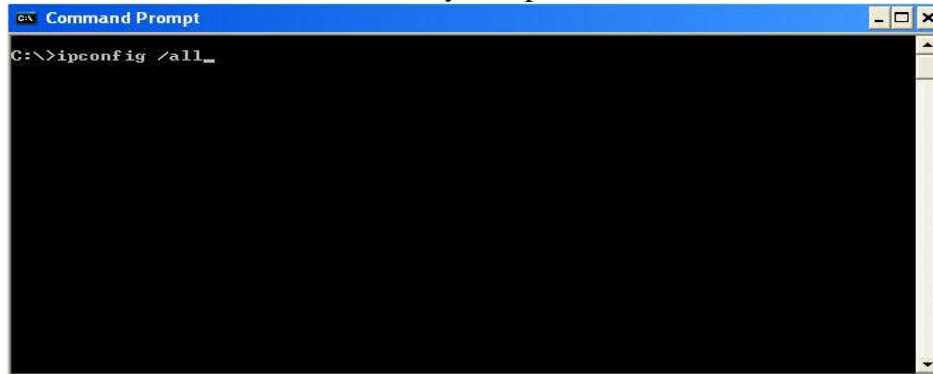
To access 'command prompt', click on the start button → run. In the box, type in "cmd" then click OK.



Once the command prompt window is open, type in the following command.

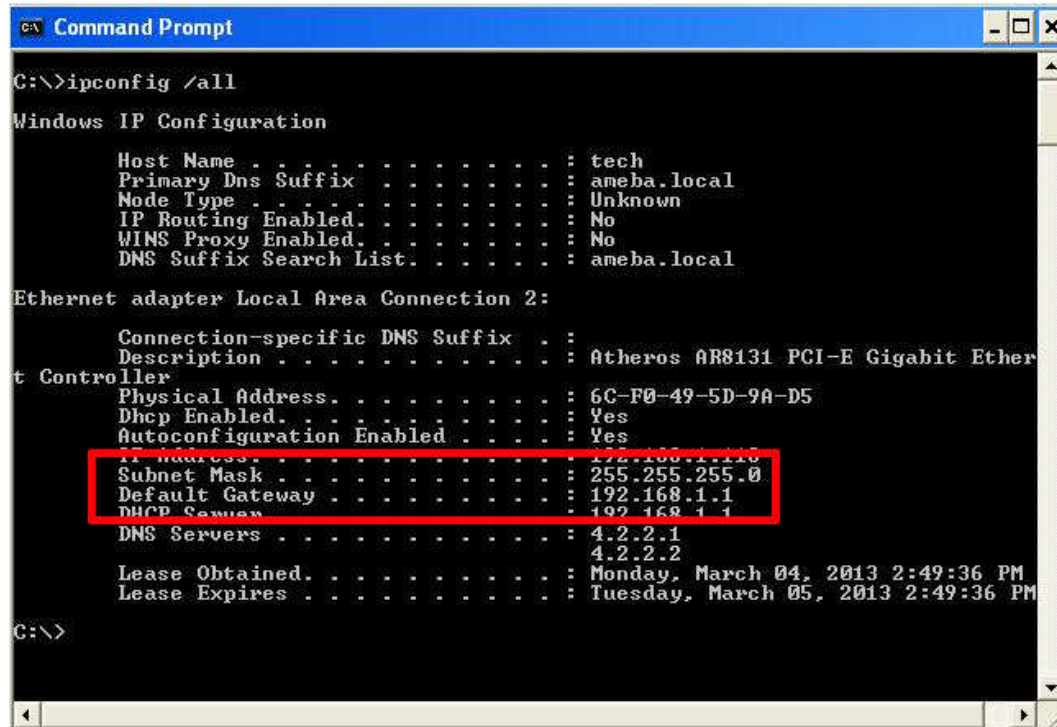
ipconfig /all

hit “enter” after you input the command.



You will see the network information. Write down the following information.

Subnet Mask & Gateway. The DNS will be the same address as the gateway.
(Example below: Subnet: 255.255.255.0, Gateway: 192.168.1.1)



When done, type “exit” and hit enter. This will close the command prompt window.

5. At the local DVR system, go back to “Network Setup” and input the information that you have just obtained.

First, go to the top right corner and change the setting from “DHCP” to “Static IP”.
Now input the information that you wrote down and hit “OK” to save.

Network Setup

Connected to: Static IP

Static IP | PPPoE | 80

IP: 192 . 168 . 1 . 105
 Subnet Mask: 255 . 255 . 255 . 0
 Gateway: 192 . 168 . 1 . 1
 DNS: 192 . 168 . 1 . 1

HTTP | DDNS | NTP | Mail Setup | FTP

☒ Enable
 Port: 82

OK Cancel

Now the DVR is setup statically to run on the 192.168.1.105 address. So when logging into the unit remotely on the local network, you will use that IP address.

6. If you wish to connect to the system remotely, “Public IP Address” and “Port Forwarding” are needed. You will need to login to the router (IP address is the same as the gateway) and set up “port-forwarding rule”, by forwarding port 80 to the IP address of the DVR. If port 80 is blocked by the provider, you may use a different Port Number, after changing it in the DVR system.

To find out if the port is being blocked, you will first complete setup of the port forwarding rule. When done, visit the following site for more details.

<http://www.canyouseeme.org>

When you are on that site, you will see what your External/Public IP address is. In the box under your IP, please input the port number you want to check. After you input the port number click on the button “Check Your Port”

If everything is set up properly and working correctly, you will see a “Success” message in green. Otherwise, you will get the “Error” message in red.