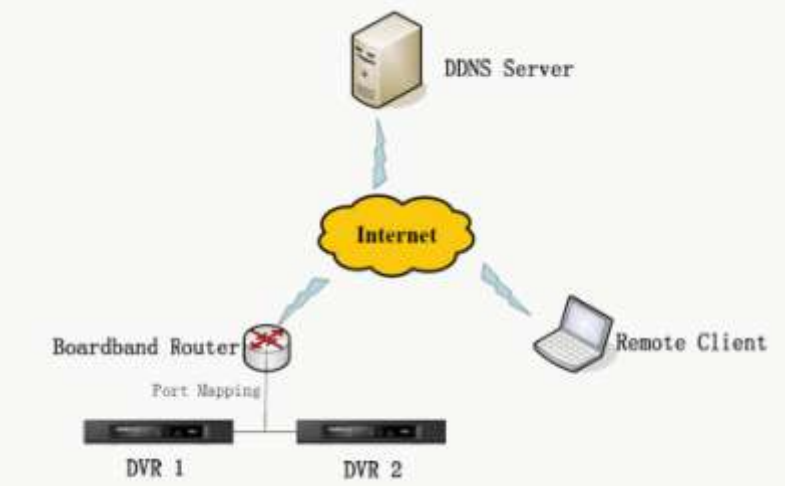
Quick Guide of SimpleDDNS Settings (with UPnP)

Solution 1:

With the development of surveillance systems, more and more users want to use ADSL to realize video surveillance through network. But ADSL gives dynamic IP addresses and here is the one most widely used solution for internet access: DDNS, considering the features of ADSL and the practical situation.

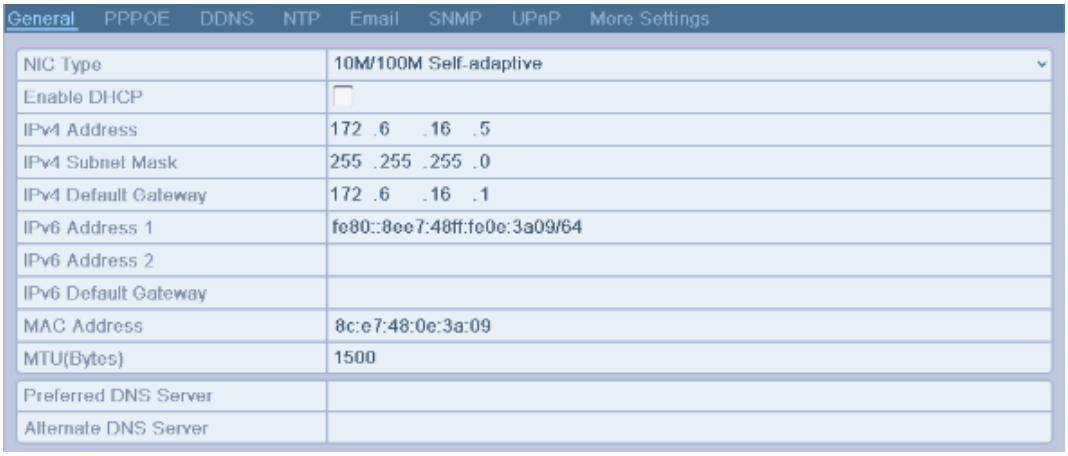


Notes:

Make sure your device is able to be previewed and remote configured in the LAN. IP address, subnet mask and gate way of the device is already filled in correctly.

Make sure the firewall and security software open all the ports needed for the internet access.

DVR local menu > Configuration > Network > General.



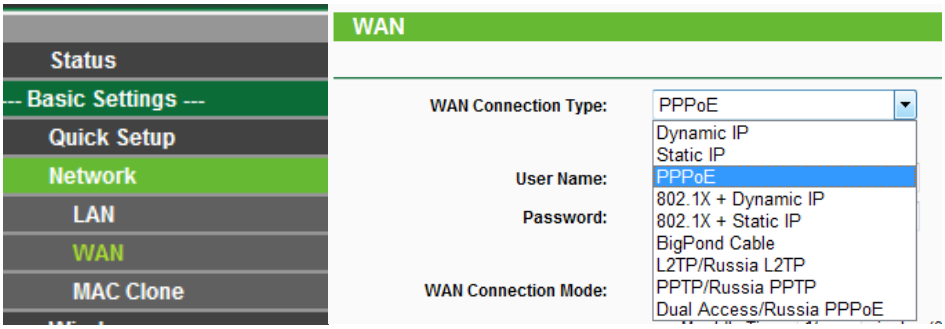
For DNS Server IP, you can refer to the PC connected in the same LAN.

Steps:

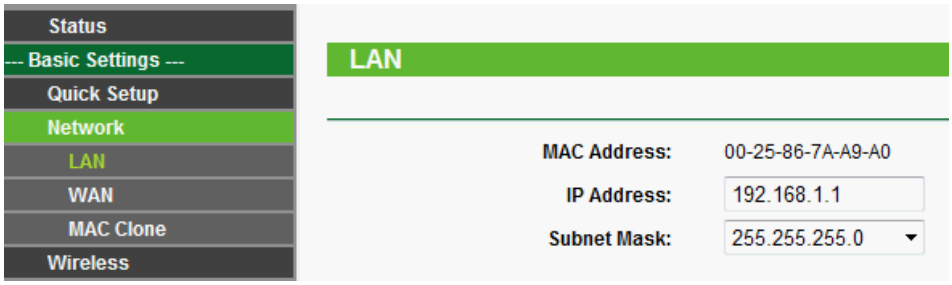
1. Port Mapping.

The following setting is about TP-LINK router (TL-ER340G), which is maybe distinct from other router's setting.

1) Firstly, select the router's WAN connection type.

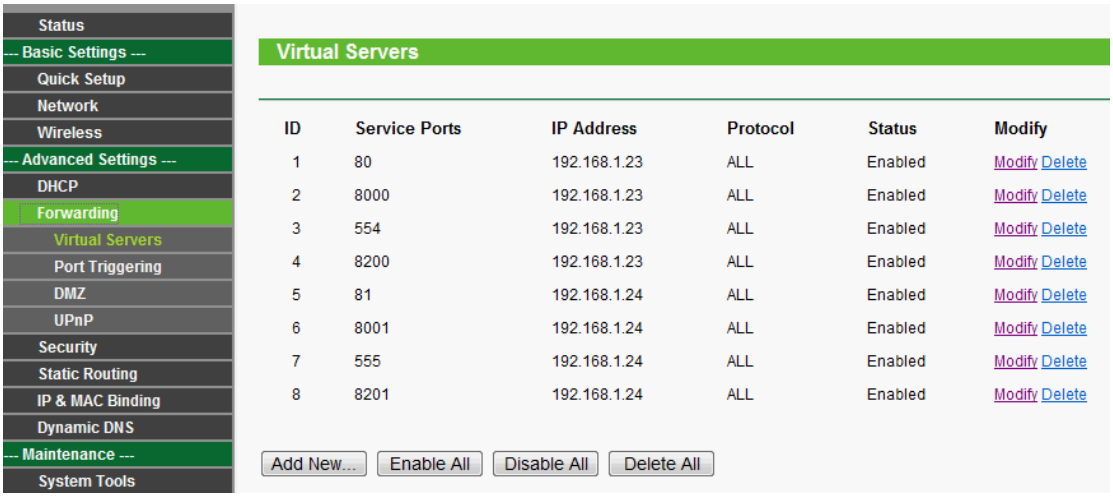


2) Set the "network parameter" of the router as the below figure. The setting includes subnet mask and gateway.



3) Set the port map in the virtual servers of forwarding. By default, all the DVRs use port 80, 8000, 554 and 8200. For DVR, 80, 8000 is essential (for some new module DVR 554 also needed.)

The following figure gives the illustration. One DVR ports are 80, 8000, (554, 8200) and its IP address is 192.168.1.23. The other DVR ports are 81, 8001, (555, 8201) and IP is 192.168.1.24. Afterwards, enable all or TCP protocols. Enable the port map after pressing the 'Save'.



As the settings mentioned above, map the router's port 80 and 8000 to the DVR at 192.168.1.23; and port 81 and 8001 to the DVR at 192.168.1.24. In this way, user can access the 192.168.1.23 through accessing the router's port 80 and 8000.

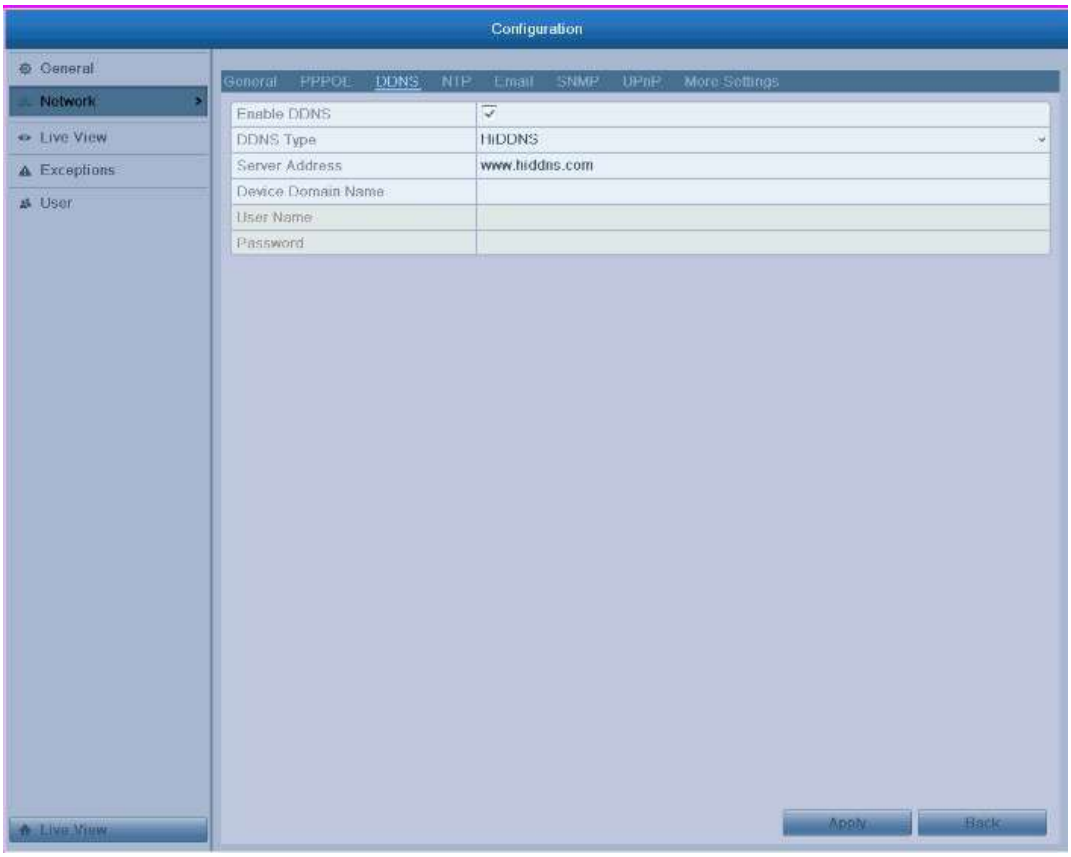
Notes:

The DVR cannot conflict with other ports. For example, some router's web management port is 80. User can amend the router's or the device's port to solve this problem. Also sometime this problem is caused by the telecom operator. So the http port 80 is probably needed to be changed.

For port 8200, it will be modified automatically when you change the port 8000. You only need to add the port mapping in the router.

2. SimpleDDNS setting.

DVR local menu > Configuration > DDNS > Enable the DDNS > Select SimpleDDNS > Input the Domain name > Apply.



After Apply, if it shows nothing, means successful register.

If it shows "Communication to the server failed", please double check the network and DNS settings.

Solution 2 (With UPnP):

If your device and router support the UPnP function, with this UPnP function, you don't need to do the port forwarding configuration anymore, all the setting will be don't by devices itself.

And after some simple settings in the device, you can easily have the remote access through

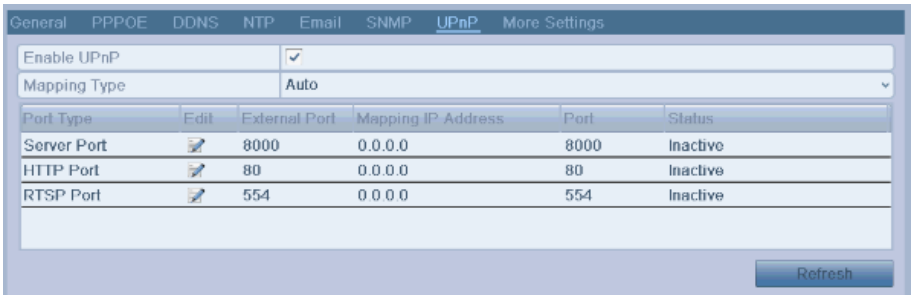
internet.

Notes:

Please enable the UPnP function in your router in advance.

showing in the General interface.

UPnP settings in the DVR local menu:



DDNS Management System (optional):

If you have several devices, you can use our DDNS Management System to check the entire status and device log.

1. **Login**

   Open Internet Explorer In the address bar, type IP address of DDNS Management Server

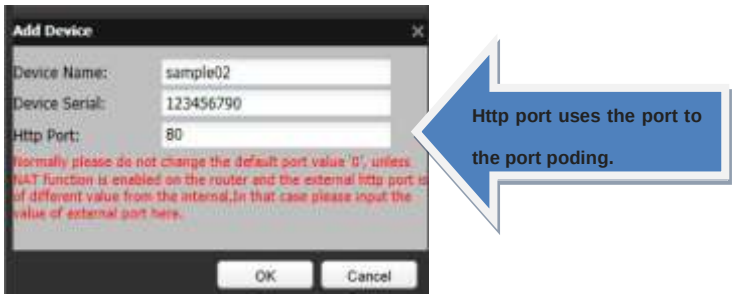
   Http://www.SimpleDDNS.com

   If you don't have an account, please click "register new user" to create a new user.

2. Device Management

After login, Click “Device Management”, there is no device at first time. Click “Add” button to add device.

Enter in Device name and serial number. By default, http port is 80. If http port of device was changed from 80, please enter new port in Http Port area.



Notes:

The Device Alias here is used for previewing, if you change the Device name here, then the domain name in DVR will be invalid. And you must fill in the correct Device Serial No.

3. Device status.

Click “Device Status” to show all added devices information like Serial number, Dynamic IP, HTTP port, DDNS IP address. And you can just click the Device Link URL to start previewing.

Remote Access:

Web

After you finish the settings in solution 1/2, then you could access the device directly through web browser by using the URL below, as long as the device is online.

http://www.simpleddns.com/Domain ByYou.

Example: http://www.simpleddns.com/sample