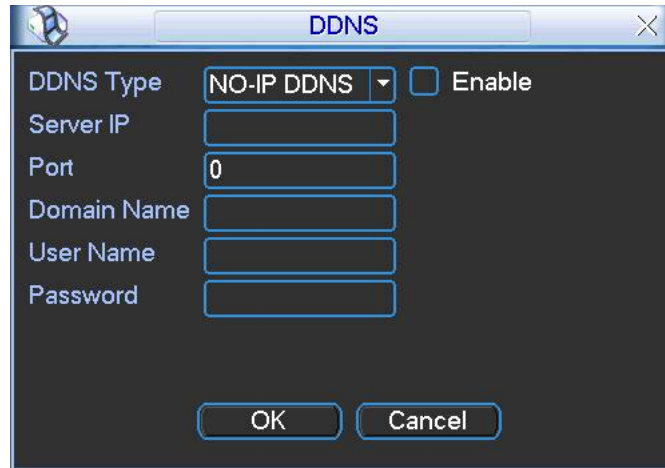


DDNS with No-IP

Please double click DDNS to go to the configuration interface you can see an interface is shown as in

Figure 1.



The screenshot shows a configuration window titled "DDNS". It features a dropdown menu for "DDNS Type" currently set to "NO-IP DDNS". To the right of this dropdown is an unchecked checkbox labeled "Enable". Below these are several text input fields: "Server IP", "Port" (with the value "0" entered), "Domain Name", "User Name", and "Password". At the bottom of the window are two buttons: "OK" and "Cancel".

Figure 1DDNS

- **DDNS Type:** You can select from the dropdown list. There are five options: No-IP, DynDNS, CN99, Private and Oray.
- **Server IP:** You can use ping command to get server's IP
- **Port:** input server port here.
- **Domain Name:** Get the domain name you get from your DDNS service provider.
- **User:** Get the user name you get from your DDNS service provider.
- **Password:** Enter corresponding password.

Highlight the icon in front of Enable to enable the DDNS server configuration.

No-IP DDNS example: it's a system of dynamic DNS service. If you do not have a Static IP address on the Internet, you need to have a dynamic IP. It is to say your IP address changes after a certain period of time.

You can follow the steps listed below to display image on your DVR even your IP is dynamic.

You need to use a DDNS service and create a domain name that is not necessarily direct use the IP address.

After completed configuration in the DVR, DDNS service can constantly inform the latest DVR's connection IP, and modify its IP on the table of data from the server. Then we have a constant domain name in the Web browser, along with the HTTP port, send a request to identify the car IP of the domain name typed. The server will direct the domain name to the IP connection, thus allowing access to the DVR which does not have a fixed IP in the network.

Note: It is important to note that to gain access to the DVR in a local network, it is necessary to achieve the redirect the port of your modem or router to your DVR.

To receive domain name in the No-IP DDNS service, please follow the steps listed below.

1. Please visit www.no-ip.com; the page of No-IP appears as below. See Figure 2.



Figure 2 NO-IP

2. Left click mouse on the "Create Account" button, account Information interface is shown as in Figure

3

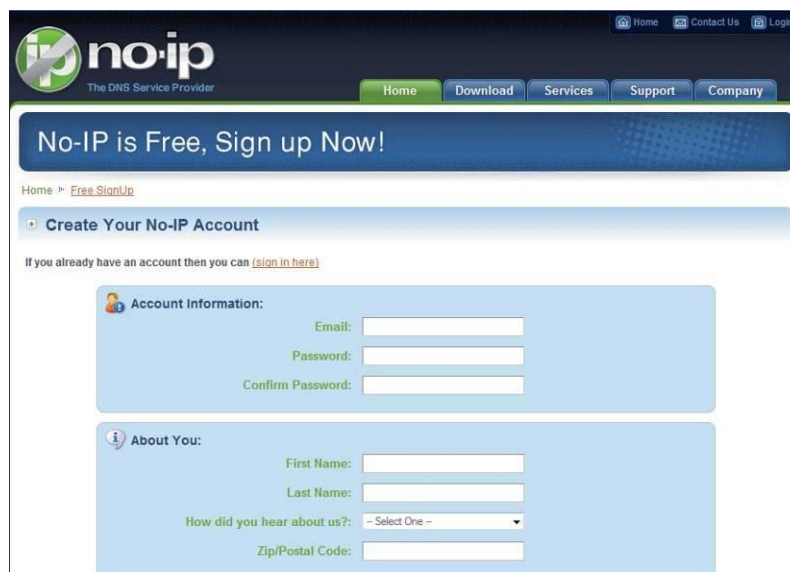


Figure 3 Account Information

3. Fill in the requested fields and click I Accept button. Then you can get an email containing username and password. You can use this account to access the service.
4. Open the e-mail sent by trusted rmação No-IP and double-click the link that is below the phrase "To activate your account please click the following URL:" in the body of the email. See Figure 4.

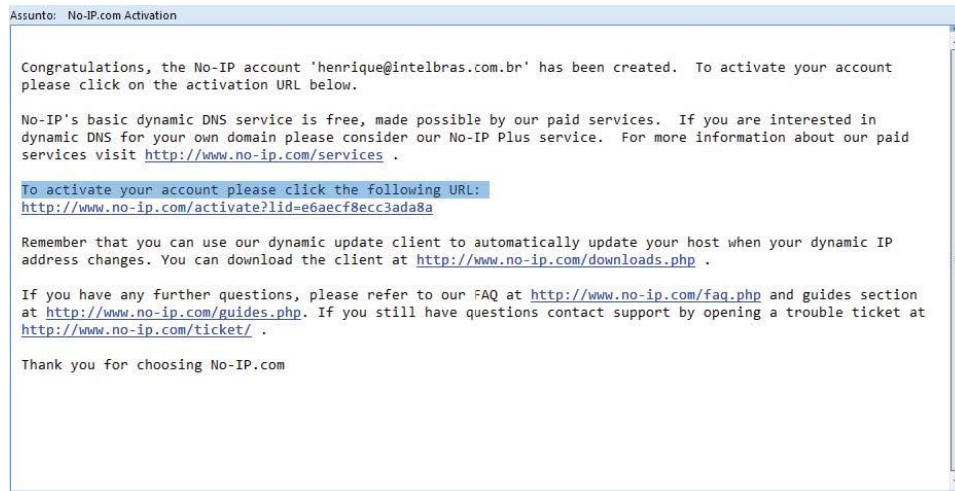


Figure 4 E-mail received

5. Now you can see an interface is shown as in Figure 5. You have successfully created an account.



Figure 5 Account Confirmed

6. In Figure 5, click to sign and enter the email address and password you get earlier. Click "login" to sign up, you can see the welcome interface and configuration option of account. See Figure 6. You can highlight manage host item.



Figure 6 Configuration option of account

- The Manage Hosts interface is shown as in Figure 7. Click the Add Host button you can access the creation of a domain name.



Figure 7 Manage hosts

- In Figure 8, input corresponding host name in the field. You can use this name to access DVR from an external network. In the field to the right of the name, select the desired area. This is your domain name for access to the DVR. Click "Create Host" button at the bottom of the page.

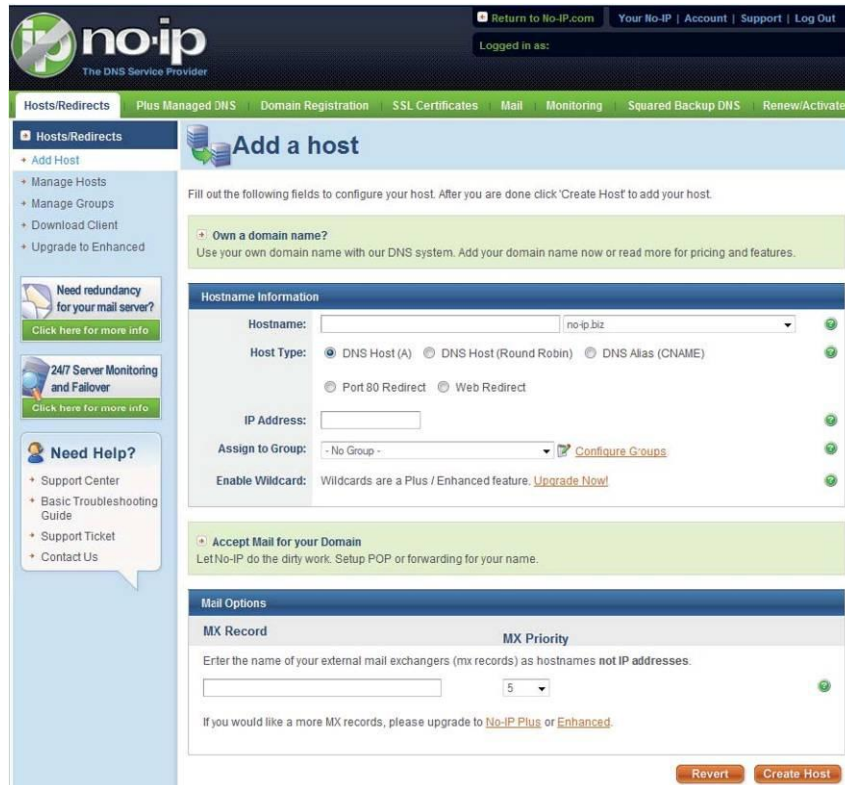


Figure 8 Domain name

- Now you can see an interface is shown as in Figure 9. Here you can view domain name and the computer's current IP setup. If you already have a domain name equal to gurado trusted, you must define another name for the host.

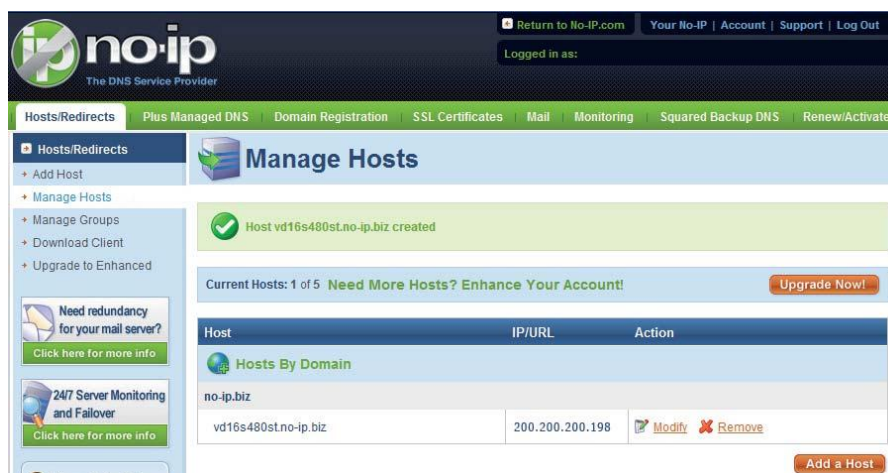


Figure 9 Host successfully created

- Now you need to define the definition of the server's IP in IP-DVR able to access this service DDNS. To get DDNS service, you need to have a computer connected to the Internet on the same network with DVR. Then please type the command `dynupdate. no ping-ip.com` at the command prompt,

Windows ®. The server's IP will be displayed on the screen. See Figure 10. Your DVR can use this IP to find the No-IP server.

```
C:\>ping dynupdate.no-ip.com
Disparando dynupdate.no-ip.com [204.16.252.79] com 32 bytes de dados:
Resposta de 204.16.252.79: bytes=32 tempo=309ms TTL=235
Resposta de 204.16.252.79: bytes=32 tempo=318ms TTL=235
Resposta de 204.16.252.79: bytes=32 tempo=304ms TTL=235
Resposta de 204.16.252.79: bytes=32 tempo=329ms TTL=235
Estatísticas do Ping para 204.16.252.79:
  Pacotes: Enviados = 4, Recebidos = 4, Perdidos = 0 (0% de perda),
Aproximar um número redondo de vezes em milissegundos:
  Mínimo = 304ms, Máximo = 329ms, Média = 315ms
C:\>_
```

Figure 10 Ping dynupdate.no-ip.com

11. Please go to the DVR and access the MAIN MENU> SETTING> NETWORK> DDNS. Input server IP you get in the above step. Select the DDNS Type as No-IP DDNS and highlight the icon in front of Enable to enable the DDNS function. Now fill the fields as described below, and click OK to save current setup.

- **Server IP:** Enter the IP noted in step 10.
- **Port:** Enter the port 80.
- **Domain Name:** Enter the domain name created in step 8.
- **User:** Enter your username (email address) created in step 3.
- **Password:** Enter the password created in step 3.

The figure Configuration file of No-IP is shown as in Figure 11.

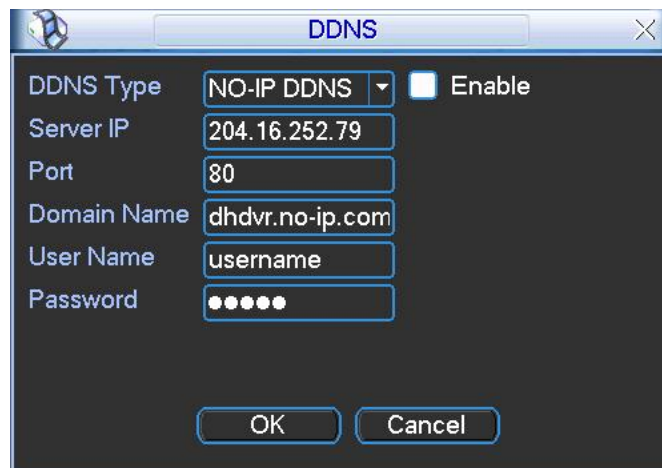


Figure 11

12. Now you have completed DVR setup. Open Internet Explorer ® in another foreign network with Internet access, unlike the network where the DVR is connected to, you need to follow the steps listed below:

1. Enter the address into your browser: <http://nome the field created in step 8>. For example:
<http://vd16s480st.no-ip.biz>
2. If the DVR HTTP port is 80, just type the domain name. Otherwise, enter in the browser address as: <http://nome the field created in Step 8: port number of HTTP>. For example:
<http://vd16s480st.no-ip.biz:9090>
3. Press Enter. The system will ask install application webrec.cab control or not. Please click Yes to perform a successful connection.
4. If the page does not appear on the computer screen, you need to lower your system safety setup. From Tools> Internet Options> Security, select Internet and then click Custom Level, you can enable ActiveX controls. See Figure 12. Then open your browser and re-enter the domain name of the DVR.

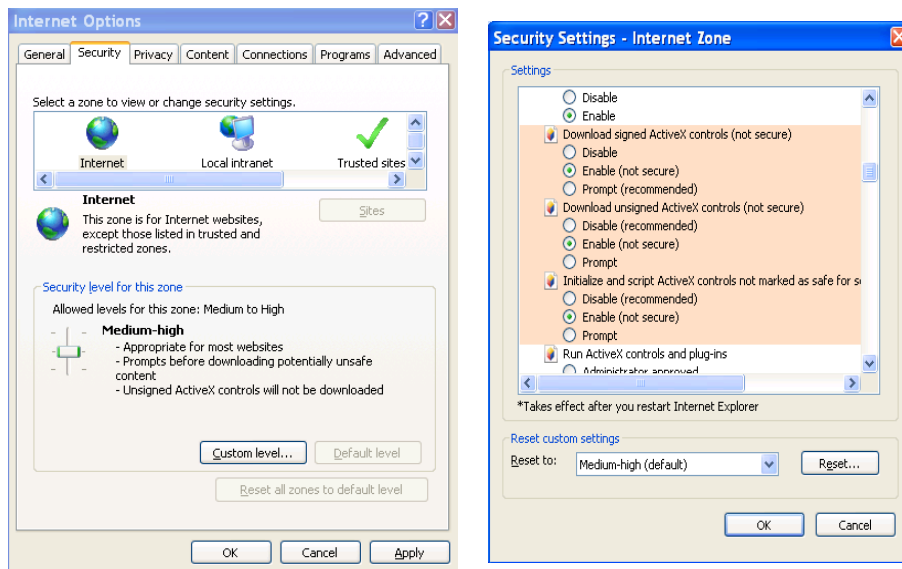


Figure 12 Lower security settings