## **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.

B	DDNS	X
DDNS Type Server IP Port Domain Name User Name Password	NO-IP DDNS   Enable  C	
	OK 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 <u>www.no-ip.com</u>; the page of No-IP appears as below. See Figure 2.

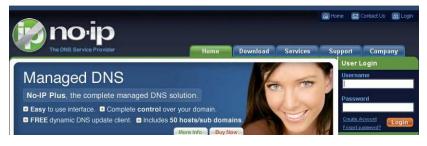


Figure 2 NO-IP

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

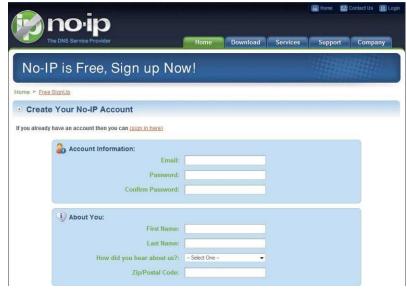


Figure 3 Account Information

3

- **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

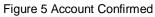
activate your account please click the following URL:" in the body of the email. See Figure 4.

Congratulations, the No-IP account 'henrique@intelbras.com.br' has been created.  To activate your account please click on the activation URL below.
No-IP's basic dynamic DNS service is free, made possible by our paid services. If you are interested in dynamic DNS for your own domain please consider our No-IP Plus service. For more information about our paid services visit <a href="http://www.no-ip.com/services">http://www.no-ip.com/services</a> .
To activate your account please click the following URL:
http://www.no-ip.com/activate?lid=e6aecf8ecc3ada8a
address changes. You can download the client at <u>http://www.no-ip.com/downloads.php</u> . If you have any further questions, please refer to our FAQ at <u>http://www.no-ip.com/faq.php</u> and guides section at <u>http://www.no-ip.com/guides.php</u> . If you still have questions contact support by opening a trouble ticket at http://www.no-ip.com/ticket/ .
Thank you for choosing No-IP.com

Figure 4 E-mail received

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





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

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

😥 no ip			Beturn to Ko-AP.com     Your No-AP   Account   Support   Log Cut     Logged in as:		
The DNS Service	Provider	ation SSI Certificates			
Hosts/Redirects	Manage H	losts			
+ Add Host	Manage 1	10313			
<ul> <li>Manage Hosts</li> </ul>	-				
<ul> <li>Manage Groups</li> </ul>	Current Hosts: 0 of 5 Need	d More Hosts? Enhance	Your Accourt	nti	Upgrade Now!
Download Client					
+ Upgrade to Enhanced	Host		IP/URL	Action	
	Hosts By Domain				
Need redundancy for your mail server?	- No Hosts -				
and a second second	- 140 F105C5				

Figure 7 Manage hosts

8. In Figure 8, input corresponding host name in the filed. 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.

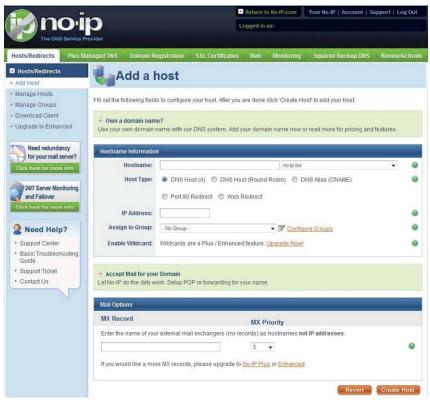


Figure 8 Domain name

9. 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.

no ip			Return to No-IP.com Your No-IP   Account   Support   Log Out		t   Support   Log Out
			Logged in as:		
The DNS Service Pro					
Hosts/Redirects Plus Man	aged DNS Domain Registration	SSL Certificates	Mail Monito	ring Squared Backup D	NS Renew/Activate
Hosts/Redirects	Manage Host	te			
+ Add Host	a Manage 1105	.5			
+ Manage Groups	Host vd16s480st.no-ip.biz c	reated			
Download Client	•				
+ Upgrade to Enhanced	IN THE MERINA MADE				
	Current Hosts: 1 of 5 Need More	Hosts? Enhar	ice Your Accoun	ti	Upgrade Now!
Need redundancy					
for your mail server?	Host		IP/URL	Action	
Click here for more info	Hosts By Domain				
24/7 Server Monitoring	no-ip.biz				
and Failover Click here for more info	vd16s480st.no-ip.biz		200.200.200.198	Modify 🕺 Remove	
					Add a Host

Figure 9 Host successfully created

10. 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.

8	DDNS
DDNS Type	NO-IP DDNS 🔻 🔲 Enable
Server IP	204.16.252.79
Port	80
Domain Name	dhdvr.no-ip.com
User Name	username
Password	•••••
	OK Cancel



12. Now you have completed DVR setup. Open Internet Explorer 
 <sup>®</sup> 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.

Internet Options 🔹 🛛 🔀	
General Security Privacy Content Connections Programs Advanced	Security Settings - Internet Zone
Select a zone to view or change security settings.	Disable     Enable     Disable     Download signed ActiveX controls (not secure)     Disable     Disable (not secure)     Enable (not secure)     Prompt (recommended)
Security level for this zone     Allowed levels for this zone: Medium to High	Download unsigned ActiveX controls (not secure)     Disable (recommended)     Enable (not secure)     Prompt     Initialize and script ActiveX controls not marked as safe for s     Disable (recommended)     Enable (not secure)     Prompt     Run ActiveX controls and plug-ins     Administrator approved
Custom level     Default level       Reset all zones to default level       OK     Cancel	*Takes effect after you restart Internet Explorer  Reset custom settings  Reset to: Medium-high (default)  OK  Cancel

Figure 12 Lower security settings