

## **How to use EasyDDNS**

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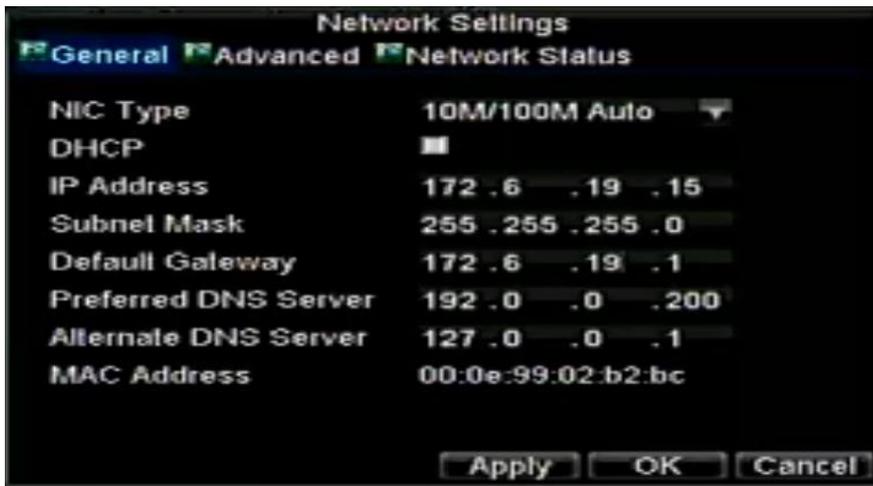
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## Before you start

EasyDDNS is a free DDNS service which enables you to get access to the device by simply a domain name. You can use EasyDDNS in two modes: EasyDDNS mode and IP server mode, and these 2 modes support mobile phone monitoring. In other words, you can get EasyDDNS service without upgrading the device.

## EasyDDNS Mode - Basic Settings in DVR

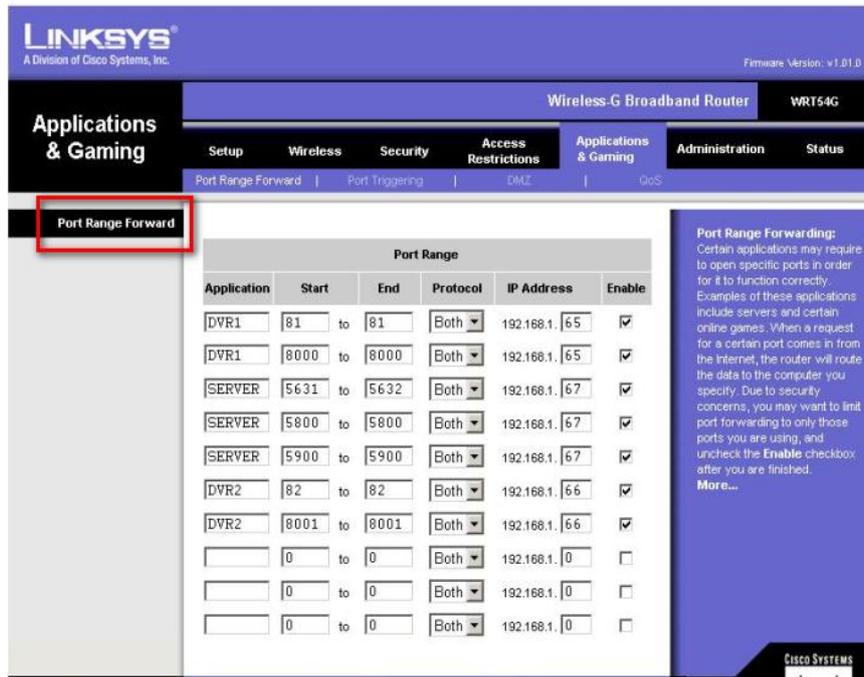
- 1) Go to MENU>Settings>Network. Fill in the IP Address, Subnet Mask, Default Gateway and the DNS Server. Then click Apply.



- 2) Go to Advanced and choose DDNS. Choose the DDNS Type as easyDDNS. The server address is [www.hik-online.com](http://www.hik-online.com). The DVR Domain Name is a user defined alias(The device's alias must begin with an English letter, and only English letters, numbers or underscores are allowed. Characters like /, \ and \* will be denied. If the name has already been used, an error message will pop up. In that case, please use another name instead.). You need this alias to login. Then click OK. It will pop up register successful.



- 3) Login to the management interface of the router, enter the NAT settings, or called port-forwarding/port-mapping settings of the router.



Forward the http port (80) and server port (8000) of a device to its local IP address. Some devices also require RTSP port (554) to be forwarded properly.



- Then you could access the device directly through web browser by using the URL below, as long as the device is online.

<http://www.hik-online.com/AliasGivenByYou>.

Example: <http://www.hik-online.com/darren>

## EasyDDNS Mode - Basic Settings in IPC

- Enter into the IPC web interface through IE browser and click **Advanced Configuration** in **Configuration** interface.
- In the **DDNS** interface, check the checkbox to enable DDNS, choose the DDNS type as EasyDDNS.

3) Input the Domain then you can login the device through url: <http://www.hik-online.com/AliasGiveByYou> or client software after you forwarding the ports to internet properly.

HIKVISION DS-2CD854F-E English

Live View Playback Log **Configuration** admin | Logout

Local Configuration  
Local Configuration  
Basic Configuration  
**Advanced Configuration**  
System  
**Network**  
Video/Audio  
Image  
Security  
Events  
Storage

TCP/IP Port DDNS PPPoE SNMP 802.1X QoS FTP

Enable DDNS

DDNS Type EasyDDNS

Server Address www.hik-online.com

Domain ipc854ipc

Port 0

User Name

Password

Confirm

Save

## EasyDDNS Mode - Client software

### iVMS- 4200 V1.02.00.07

At the main interface of iVMS-4200, click import camera>Add Device, the Nickname is user defined, and the DNS address is <http://www.hik-online.com>. Fill in the port (8000 as default), Device ID (alias), user name and password. Tick on "Export to Group" and click Add. Then you can go to Main View page and start previewing.

The 'Add Device' dialog box contains the following fields and options:

- Private Domain Mode
- Nickname: 7216HVI-ST
- DNS Address: www.hik-online.com
- Protocol Type:  IP Server  EasyDDNS
- Port: 8000
- Device ID: darren
- User Name: admin
- Password: [masked with dots]
- Multicast Address: [empty]
- Export To Group

Buttons at the bottom: Show Online Devices, Add, Cancel.

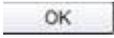
## iVMS-4000 v2.04.02

- 1) In the Add Device interface or the Modify Device Information interface.
- 2) Choose the Register Mode as EasyDDNS.
- 3) Enter the Device Name(DVR Domain Name), DNS Address, Port, Username, Password and Channel NO..

The 'Modify Device Information' dialog box contains the following fields and options:

- Device Information
- Device Name: NVR
- Device IP: 172 . 6 . 21 . 160
- Username: admin
- Channel No.: 8
- DNS Address: [empty]
- Serial Number: DS-7208HVI-ST/SE0120110804AAWR404370785WCVU
- Register Mode: EasyDDNS (dropdown menu)
- Port: Normal IP, IP Server, Normal Domain, EasyDDNS (dropdown menu)
- Multicast: 0 . 0 . 0 . 0
- Belongs to area: test area

Buttons at the bottom: Online Device, OK, Cancel.

- 4) Click  to confirm your settings.

## EasyDDNS Mode - DDNS Management System(optional)

Open Internet Explorer In the address bar, type IP address of DDNS Management Server [Http://www.hik-online.com](http://www.hik-online.com)  
If you don't have an account, please click "register new user" to create a new user.

Login page shown as Figure 1:

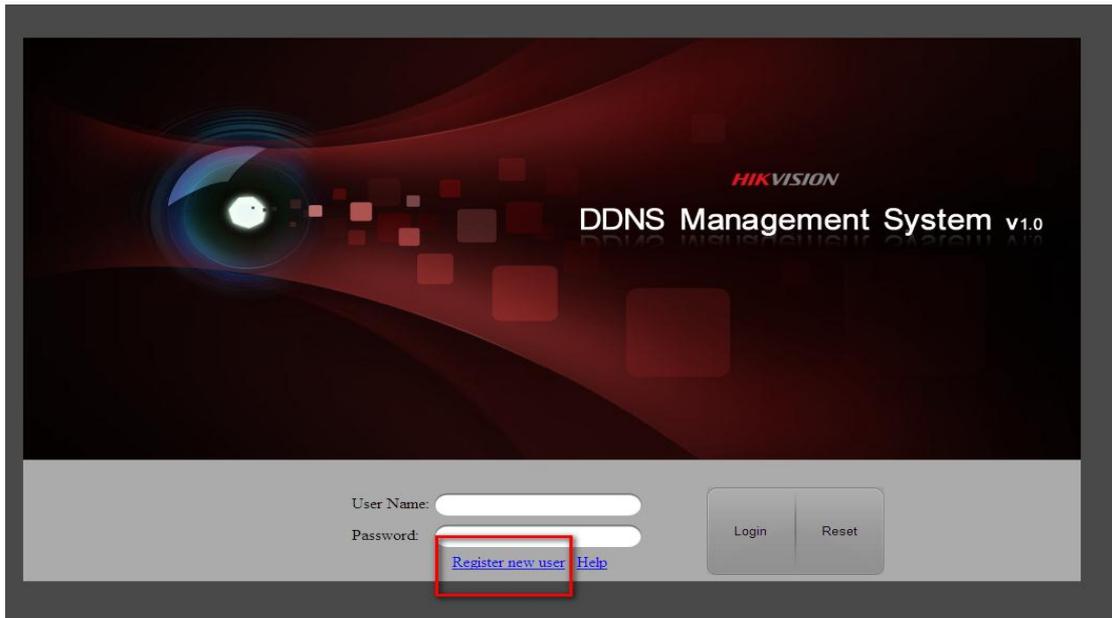


Figure 1

### Register User

Enter in user name and password and click OK to save. After creating a user, enter in User name and password. Then click “Login” to enter DDNS Management System. Note: If login failed and error message shows “Login failed, the user is locked!” Please contact Administrator for help.

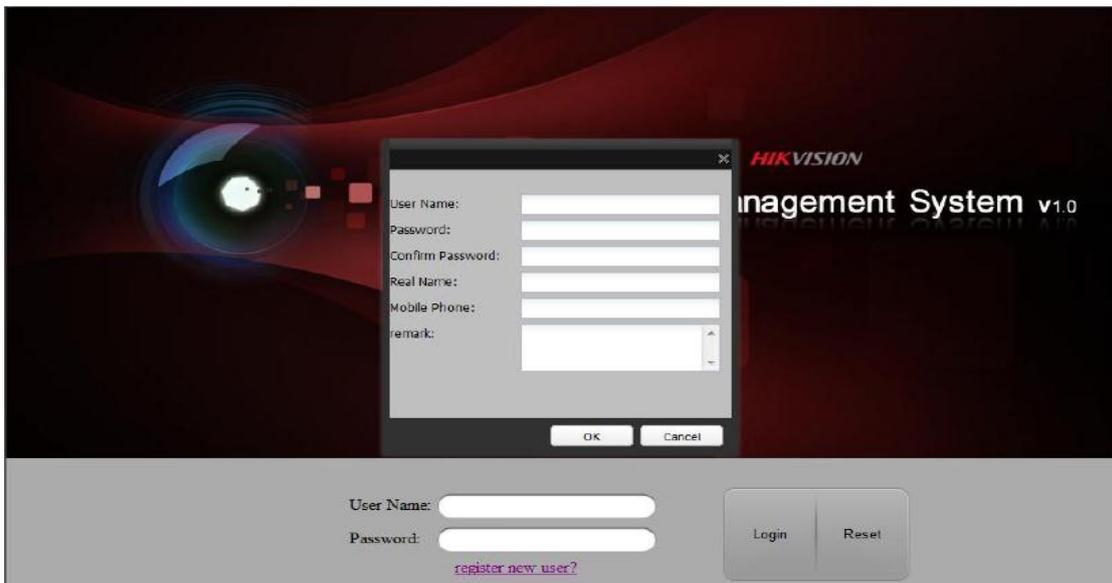


Figure 2

### Device Management

After login, main page shown as Figure 3:

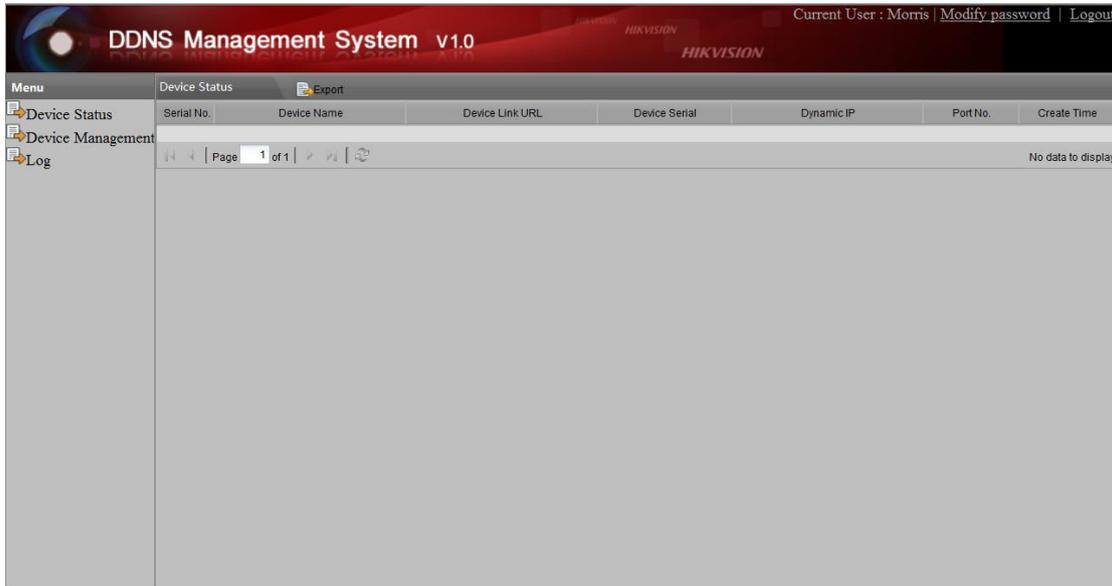


Figure 3

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

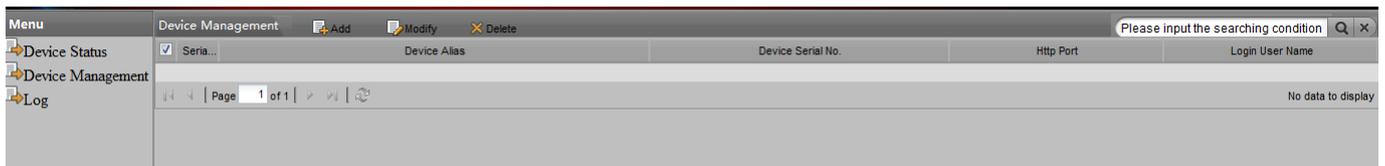


Figure 4

Enter in Device aliases 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.

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

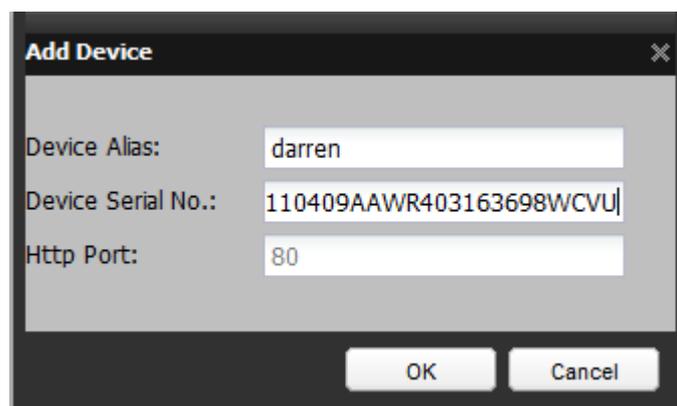


Figure 5

## 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.

Serial No.	Device Name	Device Link URL	Device Serial	Dynamic IP	Port No.	Create Time
1	darren	<a href="http://172.6.22.250/darren">http://172.6.22.250/darren</a>	403163698	172.6.19.141	80	2012-04-17T20:18:59

Figure 6

Click  to export device list.

## Log

Log Interface allows the user to view Device IP updates.

Click “Log” to enter Log interface.

Serial No.	Log Date	Log Type	User	Details
No data to display				

Figure 7

Log Type includes: All, Login, Logout, Device Management and Device IP Updates.

Select Log Type first and select start time and end time. Then click  to search.

## Access device

If the setup has been done successfully, there are two ways to access your device:

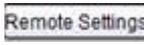
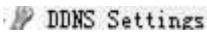
1. Login in to DDNS Management System first, then click device name, it will automatically link to device login page.
2. Directly type in [www.hik-online.com/DeviceAlias name](http://www.hik-online.com/DeviceAlias name) in IE address bar to access device

## IP Server Mode - Settings for Device

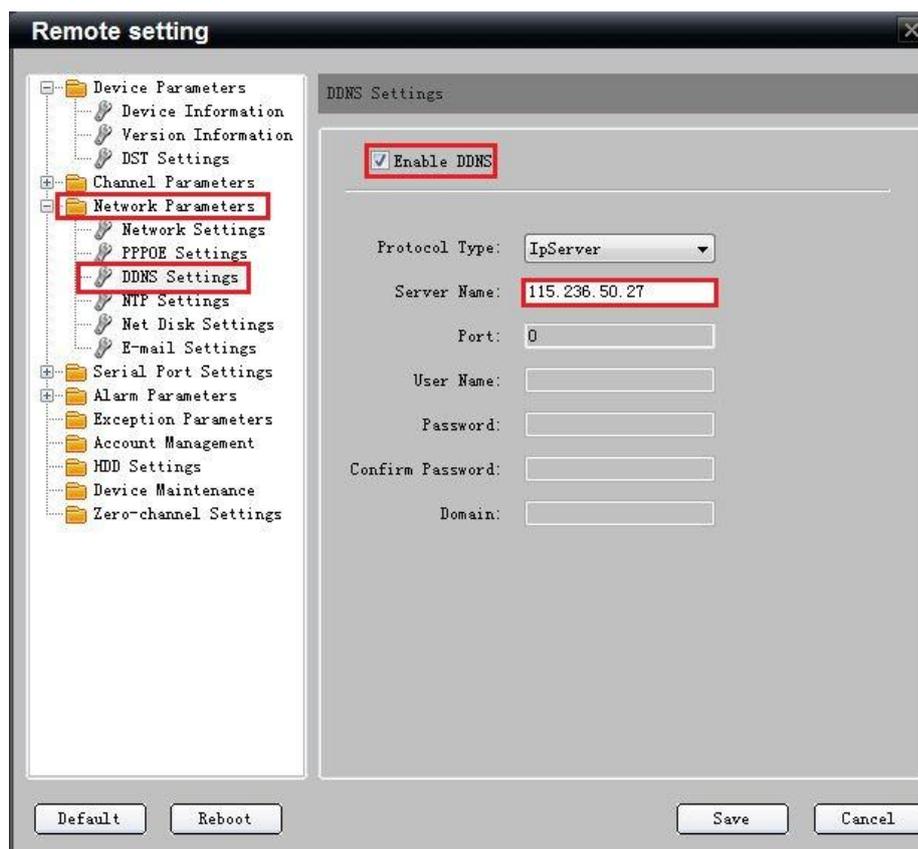
Register your device to the IP server, you can register it in the local configuration of the device side; or you can register the IP server remotely after you add the device to the iVMS-4000.

For the local configuration of the IP server on the device side, please refer to the user manual of the device.

To register on the IP server in the iVMS-4000,

- 1) Select the device and click  in the  interface.
- 2) In the  interface, check the checkbox to enable DDNS, choose the protocol type as IpServer.
- 3) Enter the server name; and the recommended server name is 115.236.50.27.

Other fields are read only.



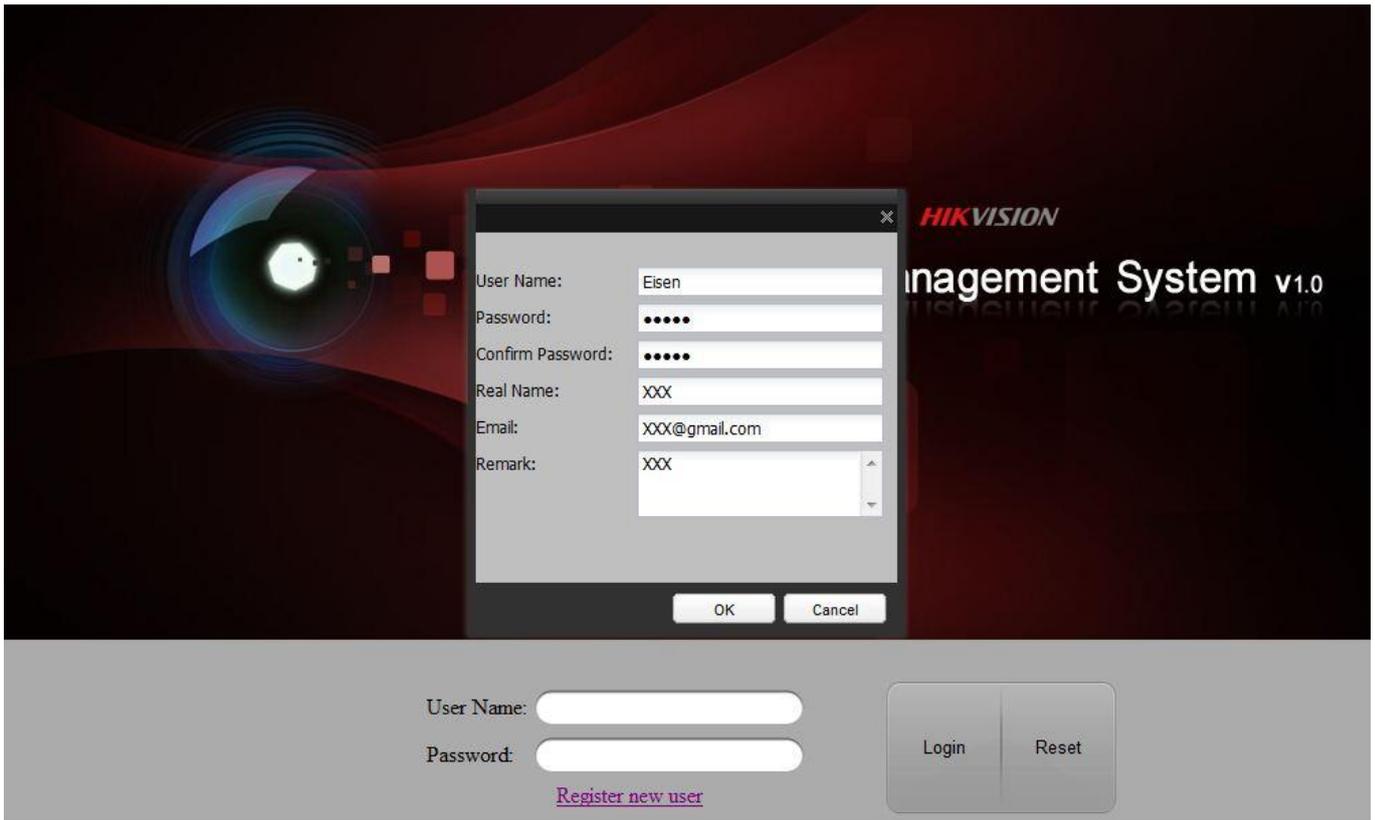
- 1) Click  to save your settings.

## IP Server Mode - Settings on DDNS Management System

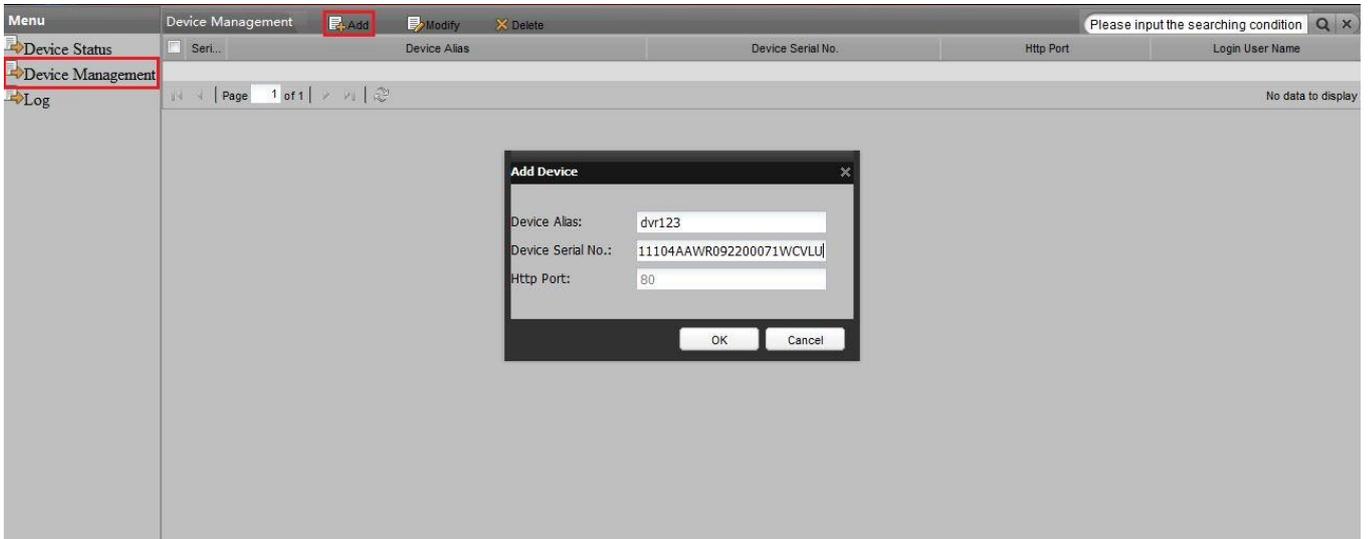
After saving the settings of the IP server, go to the EasyDDNS website: [www.hik-online.com](http://www.hik-online.com).

To add the device on the EasyDDNS server:

- 1) Register an account and use the account to log in.



- 2) In the Device Management interface, click Add to add the device.  
The alias of the device must be started with letters of the English alphabet.



## IP Server Mode - Client software

### iVMS- 4200 V1.02.00.07

At the main interface of iVMS-4200, click import camera>Add Device, the Nickname is user defined, and the DNS address is <http://www.hik-online.com>. Fill in the port (8000 as default), Device ID (alias), user name and password. Tick on "Export to Group" and click Add. Then you can go to Main View page and start previewing.

**Add Device**

Private Domain Mode

Nickname: 7216HVI-ST

DNS Address: www.hik-online.com

Protocol Type:  IP Server  EasyDDNS

Port: 8000

Device ID: darren

User Name: admin

Password: •••••

Multicast Address:

Export To Group

Show Online Devices Add Cancel

## iVMS-4000 v2.04.02

Add the device with a EasyDDNS domain name in iVMS-4000. (Change the device register mode as EasyDDNS.)

- 1) In the Add Device interface or the Modify Device Information interface.
- 2) Choose the Register Mode as EasyDDNS.
- 3) Enter the Device Name, DNS Address and the Serial Number. Use the alias created when you added the device in the EasyDDNS serve, the software can get the serial number of the device automatically. Otherwise, the serial number must be exactly correct.

**Modify Device Information**

Device Information

Device Name: NVR

Device IP: 172 . 6 . 21 . 160

Username: admin

Channel No.: 8

DNS Address:

Serial Number: DS-7208HVI-ST/SE0120110804AAWR404370785WCVU

Register Mode: EasyDDNS

Port:

Password:

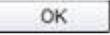
Multicast: 0 . 0 . 0 . 0

Belongs to area: test area

Online Device OK Cancel

Device Information			
Device Name	NVR	Register Mode	EasyDDNS
Device IP	172 . 16 . 21 . 160	Port	8000
Username	admin	Password	*****
Channel No.	8	Multicast	0 . 0 . 0 . 0
DNS Address	www.hik-online.com	Belongs to area	test area
Serial Number	DS-7208HVI-ST/SE0120110804AAWR404370785WCVU		

Buttons: Online Device, OK, Cancel

4) Click  to confirm your settings.

 **Note:** The device once added to the EasyDDNS server can be viewed via web browser with a EasyDDNS server address and its alias.

Example: [www.hik-online.com/darren](http://www.hik-online.com/darren)

## Mobile client software support

EasyDDNS mode and IP Server mode both support mobile phone monitoring.

For Apple device, you can download the mobile client software from App store:

Iphone: iVMS-4500 Lite V1.6

IPAD: iVMS-4500 HD V1.6

For android device, you can download the Mobile client software from Google Play:

Android: iVMS-4500 V1.6

At the main interface of 4500, click Devices and add, choose Register mode asDDNS and fill in the Device Alias and save. Then you can go to Live preview and start previewing.

**Notice:** For android client software, you need to delete the "/" at the end of Address

The right Address is <http://www.hik-online.com>

The screenshot shows a mobile application interface for configuring a new device. The title bar at the top indicates the time is 09:28 and shows signal strength and battery icons. The main title is 'New Device'. The configuration fields are as follows:

Field	Value
Device Alias	darren
Register mode	DDNS
Address	vw.hik-online.com/
Port	80
User name	admin
Password	.....
Chan No.	16

## Firmware support easyDDNS

The firmware as follows support easyDDNS, you can get DDNS service with easyDDNS mode.

Product series: 7204 &7208 HVI ST/SN

Version: V1.3

Model:DS-7204HFI-ST;DS-7204HFI-ST/RW;DS-7204HFI-ST/SE;DS-7204HFI-ST/SN;DS-7204HVI-ST;DS-7204HVI-ST/L;DS-7204HVI-ST/RW;DS-7204HVI-ST/SE;DS-7204HVI-ST/SN;DS-7208HVI-ST;DS-7208HVI-ST/RW;DS-7208HVI-ST/SE;DS-7208HVI-ST/SN;

Product series: 7208 HFI & 7216HVI ST/SN

Version: V1.3

Model: DS-7208HFI-ST; DS-7208HFI-ST/RW; DS-7208HFI-ST/SE; DS-7208HFI-ST/SN; DS-7216HVI-ST; DS-7216HVI-ST/RW; DS-7216HVI-ST/SE; DS-7216HVI-ST/SN

Product series: 7216HFI ST/SN

Version: V1.3

Model: DS-7216HFI-ST; DS-7216HFI-ST/RW; DS-7216HFI-ST/SE; DS-7216HFI-ST/SN;

Product series: 7304 &7308 HFI ST

Version: V 2.2

Model:DS-7304HFI-ST;DS-7304HI-ST;DS-7308HFI-ST;DS-7308HI-ST;DS-7316HI-ST;DS-8104HDI-ST;DS-8108HDI-ST;DS-8116

HDI-ST;

Product series: 7316 HFI-ST

Version: V 2.2

Model: 7316HFI-ST

Product series: 8100 HCI-ST

Version: V1.3

Model: DS-8104AHI-ST; DS-8104AHLI-ST; DS-8104HCI-ST;DS-8104HSI-ST;DS-8108AHI-ST;DS-8108AHLI-ST;DS-8108HCI-ST;  
DS-8108HSI-ST; DS-8116HCI-ST; DS-8116HSI-ST;

Product series: 81/90/91XX HFI-ST

Version: V2.2

Model:DS-8004HFI-ST;DS-8008HFI-ST;DS-8016HFI-ST;DS-8104HFI-ST;DS-8108HFI-ST;DS-8116HFI-ST;DS-9004HFI-ST;DS-9  
008HFI-ST;DS-9016HFI-ST; DS-9104HFI-ST;DS-9104HFI-ST;DS-9108HFI-ST;DS-9116HFI-ST;

Product series: 81/91XX HWI-ST

Version: V2.2

Model: DS-8108HWI-ST; DS-8116HWI-ST; DS-9108HWI-ST; DS-9116HWI-ST;

Product series: 365 platform IPC

Version: V4.0.1



Note: You can get DDNS service with IP server mode if the device at your hand is too old and there is no firmware supporting EasyDDNS.