

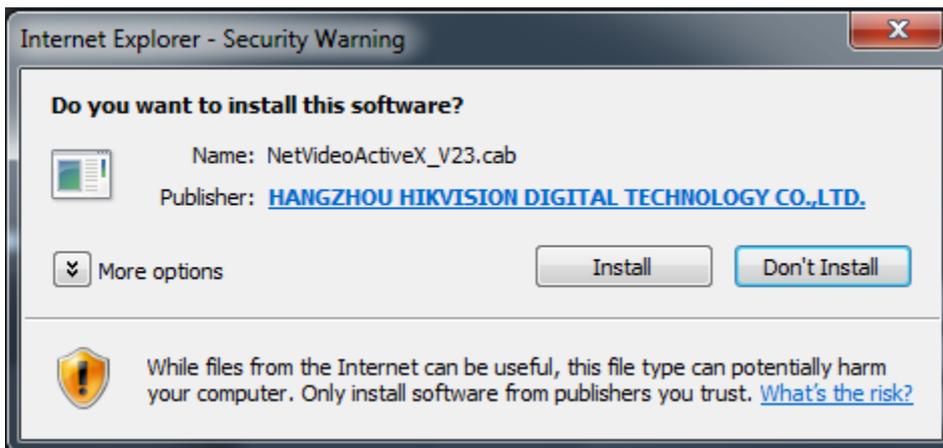
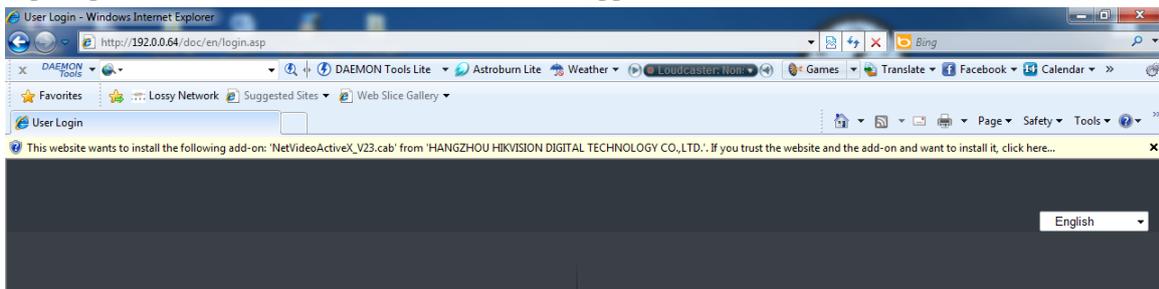
# **How to use easyDDNS for Hikvision devices**

# 1. Device's Network Configuration

## 1.1 Getting Device serial number

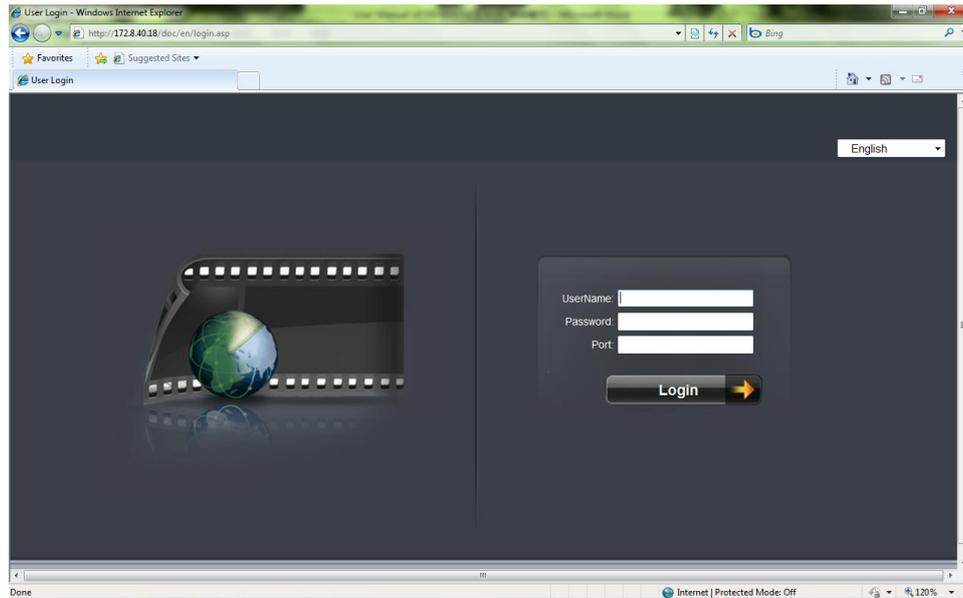
- 1) Connect the device and PC in the same local network for configuration later.
- 2) Open Internet Explorer.
- 3) In the address bar, type in IP address of device.

If prompted, allow the installation of the Hikvision application

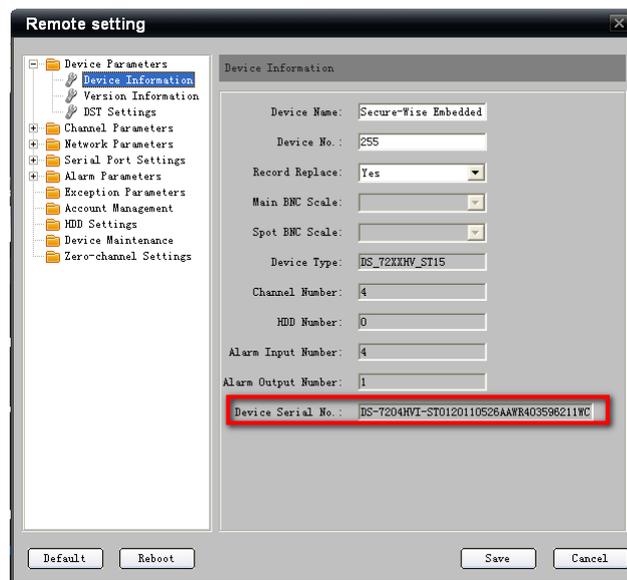


Login to Device:

If you successfully install ActiveX, you are able to login to device by enter correct username, password and port.



After you login to device, Go to the **Config** tab, then **Remote Config**, then [Device Parameters] Parameters Configuration  
**Click** Device information  
**Copy** device serial number.



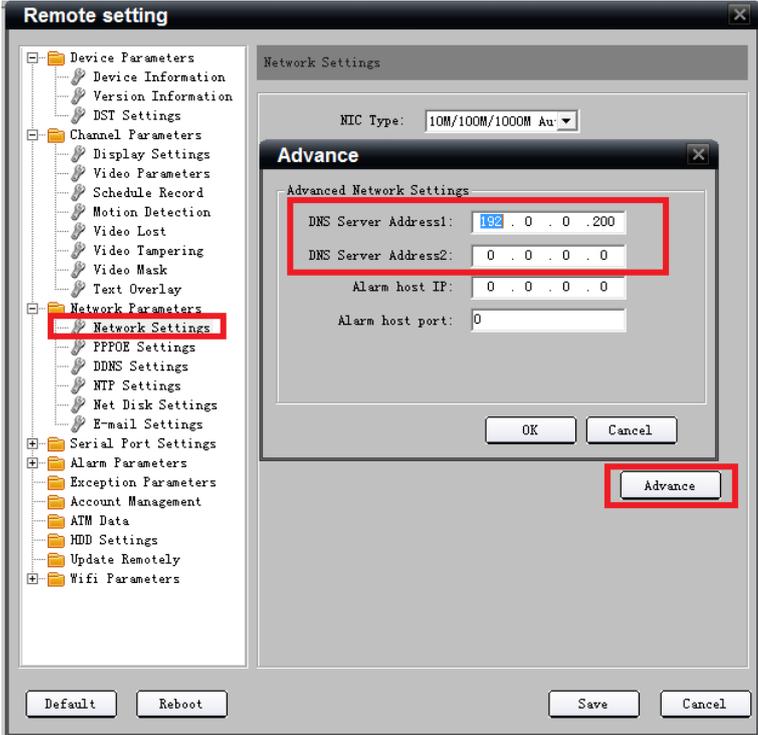
# 1.2 Network Configuration

Following configured steps are done through IE browser:

Go to the *Config* tab, then *Remote Config*, then [*Network Parameters*] Parameters Configuration  
*Click on Network Settings*  
Input correct *LAN IP address, Subnet Mask* and *Gateway*.

*Then Click on Advance*  
Enter valid *DNS Server Address*.

**Note:** If invalid DNS Server Address was input, the device might not accessible.



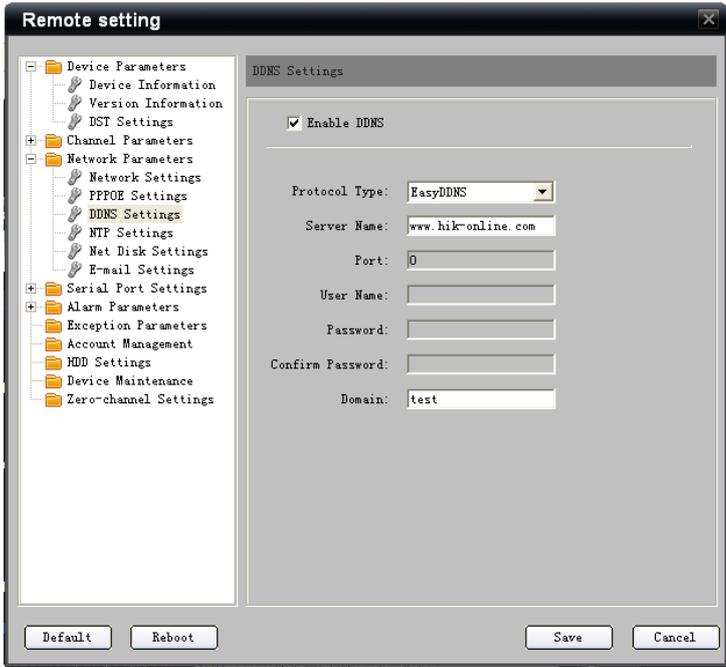
*Click on DDNS Settings*

*Check Enable DDNS checkbox,*

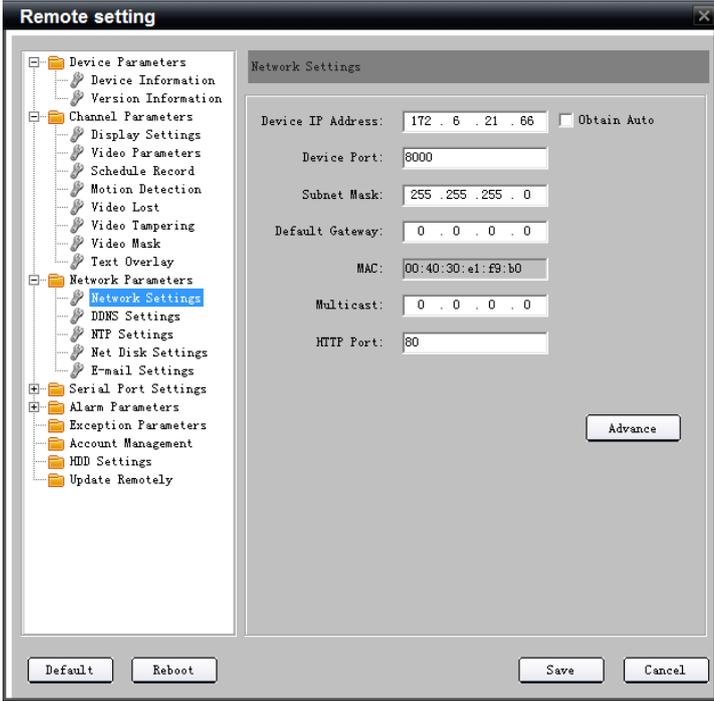
*Choose Protocol Type* as EasyDDNS

*Enter in Server Name:*  
[www.hik-online.com](http://www.hik-online.com) .

*Enter in Domain Name.* (you can define the domain name yourself as long as it's not used yet.)



If device connect to a router, you need to setup **port forwarding** in router.  
You need to setup port forwarding for both Device port and HTTP port.  
Default ports are 8000 and 80, if you change any of them, please also change the mapped port.



**Note:** If device has local menu, you can do the same setup steps in the local menu. For more information please refer to device user manual.

## 2. DDNS Management System

### 2.1 Login Page

Open Internet Explorer

In the address bar, type IP address of DDNS Management Server

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

Login page shown as Figure 1:



Figure 1

## 2.2 Register User

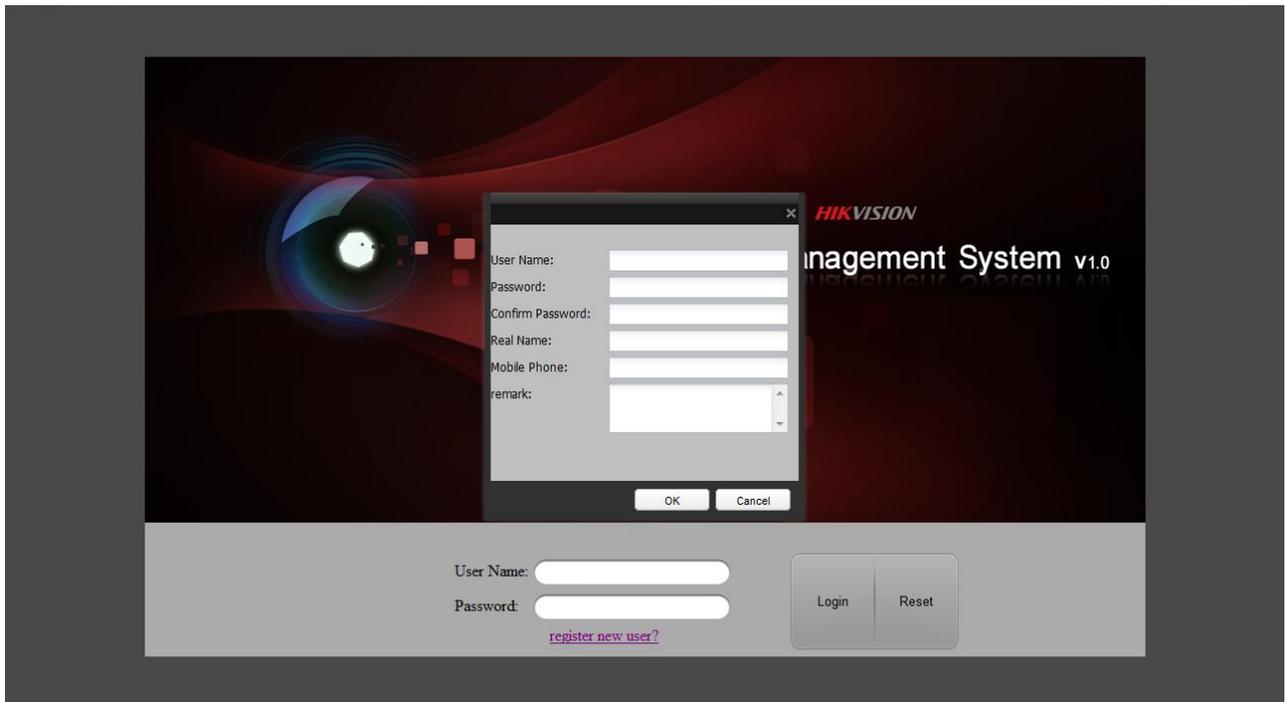


Figure 2

If you don't have an account, please click "register new user?" to create a new user. See Figure 2. 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.

## 2.3 Device Management

After login, main page shown as Figure 3:

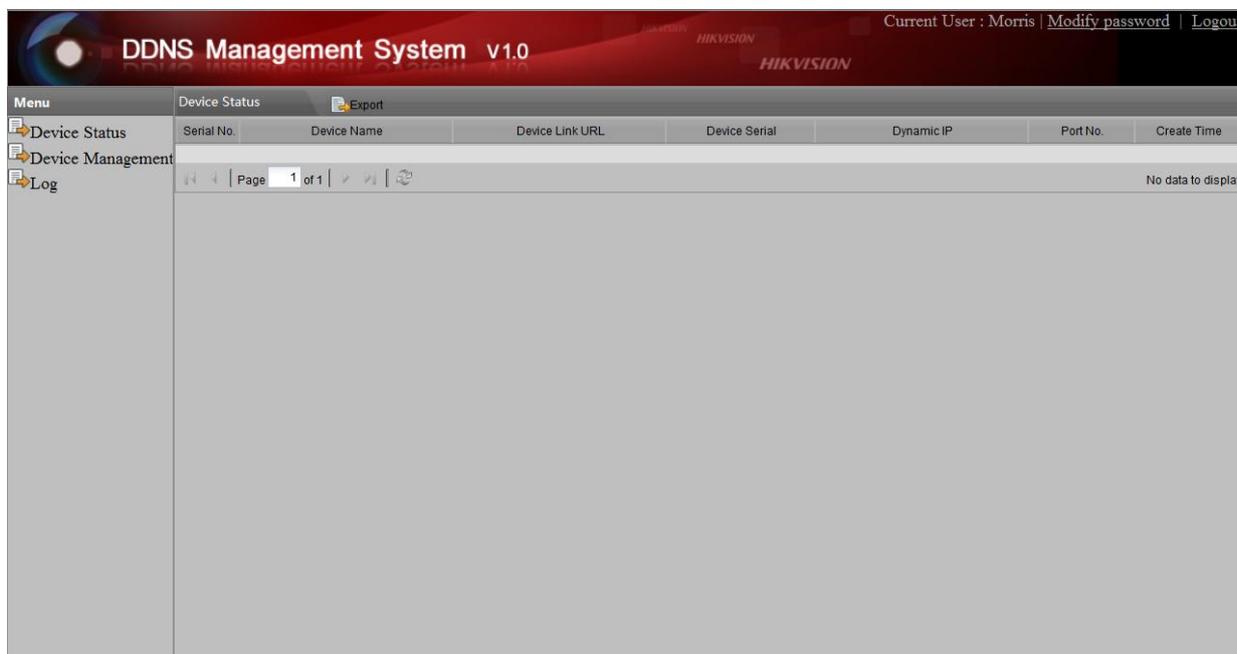


Figure 3

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



Figure 4

Enter in Device aliases name (the domain name you just used) and serial number.

Refer to chapter 1.1 about how to get device 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:** Make sure Device serial number and port you input are exactly correct, otherwise device cannot register to DDNS server successfully.



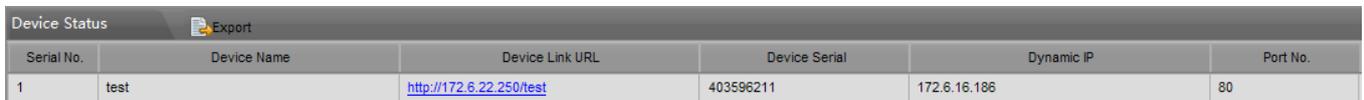
Serial No.	Device Alias	Device Serial No.	Http Port
1	test	403596211	80

Figure 5

If user want to modify aliases or serial number, check the box in the left and click “Modify” or directly click device name to pop up modification page. See figure 5.

## 2.4 Device Status

Click “Device Status” to show all added devices information like Serial number, Dynamic IP, HTTP port, DDNS IP address.



Serial No.	Device Name	Device Link URL	Device Serial	Dynamic IP	Port No.
1	test	<a href="http://172.6.22.250/test">http://172.6.22.250/test</a>	403596211	172.6.16.186	80

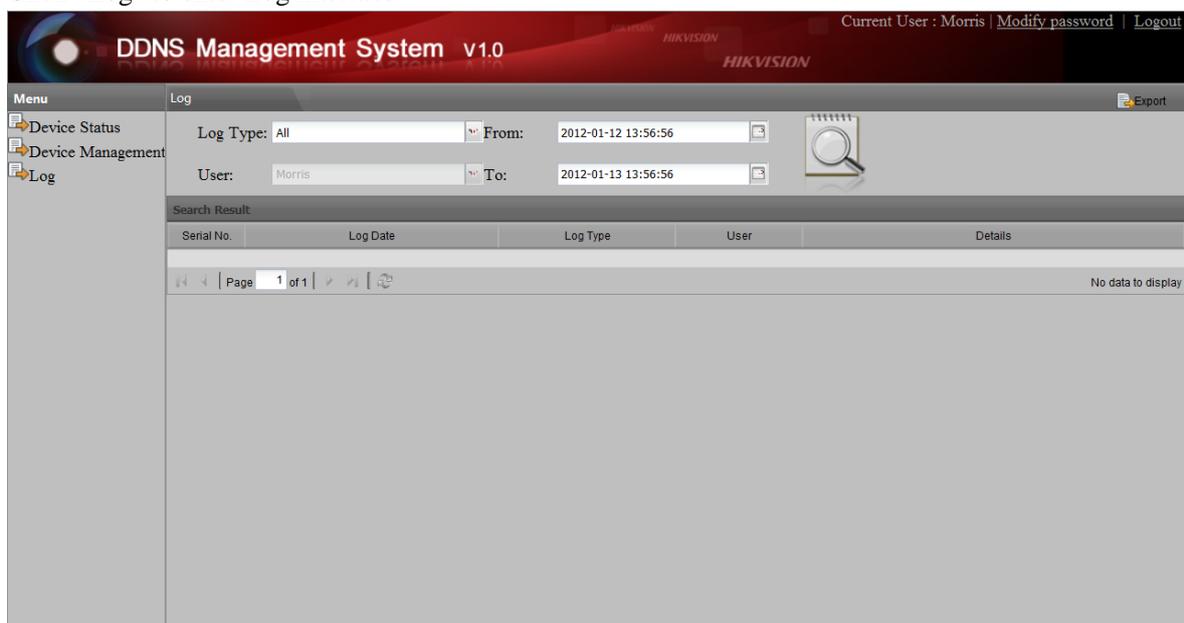
Figure 6

Click  to export device list.

## 2.5 Log

Log Interface allows the user to view Device IP updates.

Click “Log” to enter Log interface.



DDNS Management System v1.0

Current User : Morris | [Modify password](#) | [Logout](#)

Menu

- Device Status
- Device Management
- Log

Log

Log Type: All From: 2012-01-12 13:56:56 To: 2012-01-13 13:56:56

User: Morris

Search Result

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

Page 1 of 1

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.

### 3. 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/Device Alias name](http://www.hik-online.com/Device Alias name) in IE address bar to access device.