How to use easyDDNS for Hikvison 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

🖉 User Login - Windows Internet Explorer		
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W This website wants to install the following add-on: 'NetVideoActiveX_V23.cab' from 'HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD.'. If	you trust the website and the add-on and want to install it, click here	
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Internet Explorer - Security Warning		
Do you want to install this software?		
Name: NetVideoActiveX_V23.cab		
Publisher: <u>HANGZHOU HIKVISION DIGITAL TECHNOL</u>	JOGY CO., LTD.	
Vore options Install	Don't Install	
l		
While files from the Internet can be useful, this file type can	potentially harm	
your computer. Only install software from publishers you tru	ust. What's the risk?	

Login to Device:

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

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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.

Remote setting		X
Device Parameters	Device Information	
Version Information DST Settings	Device Name:	Secure-Wise Embedded
+ i Network Parameters	Device No. :	255
+ 😑 Serial Port Settings + 💼 🍋 Alarm Parameters	Record Replace:	Yes
Exception Parameters	Main BNC Scale:	
HDD Settings	Spot BNC Scale:	
Zero-channel Settings	Device Type:	DS_72XXHV_ST15
	Channel Number:	4
	HDD Number:	0
	Alarm Input Number:	4
	Alarm Output Number:	1
	Device Serial No.:	DS-7204HVI-ST0120110526AAWR403596211WC
Default Reboot		Save Cancel

1.2 Network Configuration

Following configured steps are done through IE browser:



Remote setting Device Parameters DDNS Settings 🖉 Device Information P Version Information 🦻 DST Settings 🔽 Enable DDNS 🗄 📄 Channel Parameters Network Parameters Protocol Type: EasyDDNS -PPPOE Settings DDNS Settings Server Name: www.hik-online.com NTP Settings 🖉 Net Disk Settings 0 Port: E-mail Settings 🛨 🚞 Serial Port Settings User Name + 😑 Alarm Parameters 📄 Exception Parameters Password. 🔁 Account Management HDD Settings Confirm Password: 📄 Device Maintenance 🧮 Zero-channel Settings Domain: test Default Reboot Save Cancel

Click on DDNS Settings

Check Enable DDNS checkbox,

Choose Protocol Type as EasyDDNS

Enter in *Server Name*: <u>www.hik-online.com</u>.

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.

Period Farameters Period Information Pe	Remote setting			×
Final Settings Final Settings Advance Advance MDD Settings Update Remotely	Remote setting Device Parameters Device Information Version Information Version Information Video Farameters Video Farameters Video Lost Video Mask Video Stappering Video Stapp	Network Settings Device IP Address: Device Fort: Subnet Mark: Default Gateway: MAC: Multicast: HTTP Fort:	172 6 21 66 8000 255 255 0 255 255 255 0 0 0 0 0 0 00:40:30:e1:f9:b0 0 0 0 0 0 0 0 0 80 30 30 30 30	Dbtsin Auto
Derault Nepool Save Lancel	P-mail Settings Serial Port Settings Aarm Parameters Account Management HDD Settings Update Remotely Default Reboot			Advance

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 <u>Http://www.hik-online.com</u> Login page shown as Figure 1:



Figure 1

2.2 Register User

User Name: Password: Confirm Password: Real Name: Mobile Phone: remark:	HIKVISION Inagement System v1.0
User Name: Password: register new user?	Login Reset

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:

hu	Device Status	Export				
Device Status	Serial No.	Device Name	Device Link URL	Device Serial	Dynamic IP	Port No. Create Tin
Device Managemer	1t - - Page	1 of 1 👂 州				No data to d

Figure 3

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

Dev	ce Management	Add	Modify	🔀 Delete			Please input the sear Q ×
	Serial		Devi	ce Aliases	•	Device Serial No.	Login User Name
14	🖣 🛛 Page 👘 1 of 1		2				No data to display



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.

Add Device		×
Device Alias:	test	
Device Serial No.:	DS-7204HVI-ST0120110526AAW	
Http Port:	80	
	OK Cancel	1



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.

Device Status						
Serial No. Device Name Device Link URL Device Serial Dynamic IP						
1	test	http://172.6.22.250/test	403596211	172.6.16.186	80	
Figure 6						

Click **Export** to export device list.

2.5 Log

Log Interface allows the user to view Device IP updates.

DDN	IS Managen	nent Syster	m v1.0		NISION HIKVISIO	Current User : N	Morris <u>Modify pas</u>	sword Logout
Menu	Log							Export
Device Status	Log Type: All		* From:	2012-01-12 13:56:56	3			
⊸Log	User: Morr		™ To:	2012-01-13 13:56:56		$ \simeq $		
	Search Result							
	Serial No.	Log Date		Log Type	User		Details	
	14 4 Page 1 of	1 🕨 🕅 🕼						No data to display

Click "Log" to enter Log interface.



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

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 <u>www.hik-online.com/Device Alias name</u> in IE address bar to access device.