

Quick Guide – HIKVISION DDNS V1.0

GENERAL INFO

General information

This light instruction will guide you to use HIKVISION DDNS service.

Based on Model	Type	Version
DS-2CD8264FWD-EI	IP Camera	V4.1.0 build 130111
DS-9632NI-ST	NVR	V2.1.2 build 120309
DS-7204HFI-SH	DVR	V2.1.2 Build 130114
DDNS Management System	Server	V1.0

Following knowledge assumed to be noted

- Put devices on internet (port forwarding), reference:
http://www.hikvisionusa.com/tech_tips/Remote%20Access%20Via%20Internet.pdf

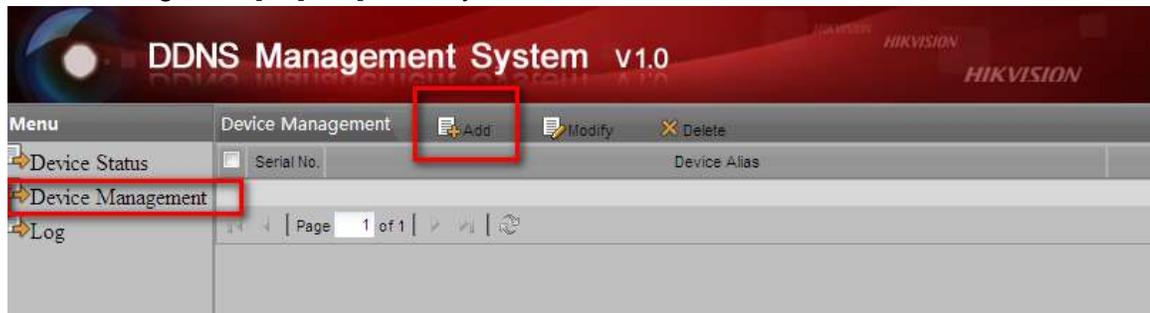
Following environment assumed already done

- Devices are able to be accessed from WAN, using Public IP address

PART 1

Create Your Account and Register Your Device

1. Type www.hik-online.com in your IE
2. Register your account
3. Login with your account
4. Go to [Device Management] – [Add] to add your first device in HIKVISION EUROPE DDNS server

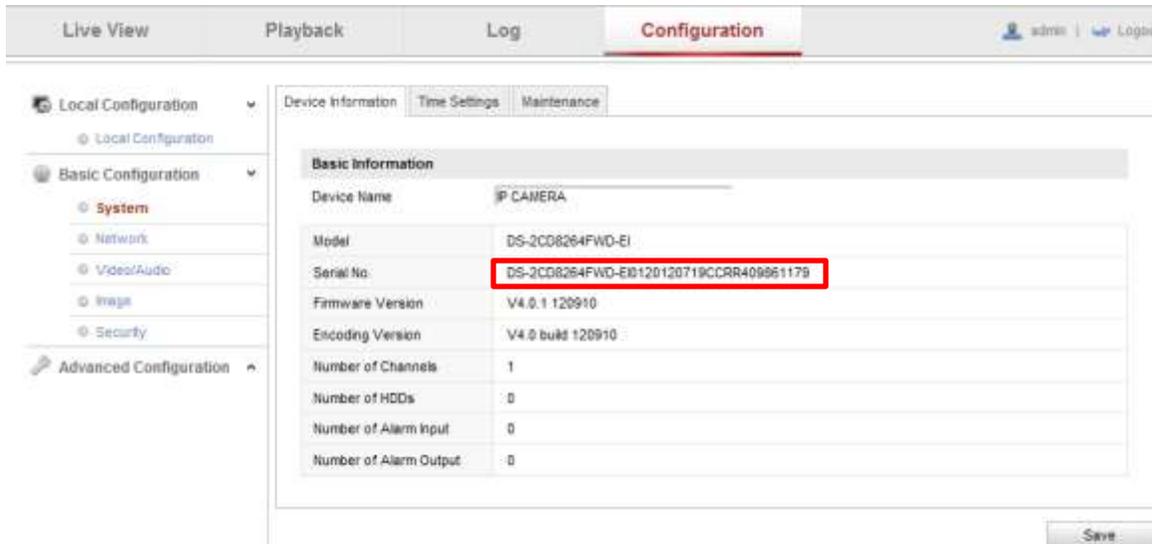


5. Define [Device Alias], fill in [Device Serial No.] and [Http Port] (the port used for IE access, by default 80), please make sure http port is the one your forwarded in your router

The image shows a screenshot of the 'Add Device' dialog box. It has a title bar with 'Add Device' and a close button. The dialog contains three input fields: 'Device Name' with the value 'cameratest', 'Device Serial' with the value 'DS-2CD8264FWD-EI0120120719C', and 'Http Port' with the value '7010'. At the bottom of the dialog, there are two buttons: 'OK' and 'Cancel'.

Hints:

To get the [Device Serial No.], you can open your internet explorer, type in the IP address of the device, go to [Configure] tab page, and copy [Device Serial No.] there.



You can also get the serial No. on your product box sticker



1. Please make sure port forwarding is correctly setup
2. Please make sure IP address, subnet mask, gateway, DNS server address are correctly setup
3. Choose [DDNS] setting, select [Easy DDNS] (also may be called Hi-DDNS in some products), fill in server address as www.hik-online.com, domain as [Alias] you created

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

NIC Settings

NIC Type 10M/100M/1000M Auto

IPv4 Address 172.28.1.253

IPv4 Subnet Mask 255.255.255.0

IPv4 Default Gateway 172.28.1.1

DHCP

Mac Address 00:40:48:ad:b7:0b

MTU 1500

Multicast Address 0.0.0.0

DNS Server

Preferred DNS Server 172.28.1.1

IP Settings

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

Local Configuration

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TCP/IP Port **DDNS** PPPoE SNMP 802.1X QoS FTP

Enable DDNS

DDNS Type EasyDDNS

Server Address www.hik-online.com

Domain cameratest

Port 0

User Name

Password

Confirm

Save

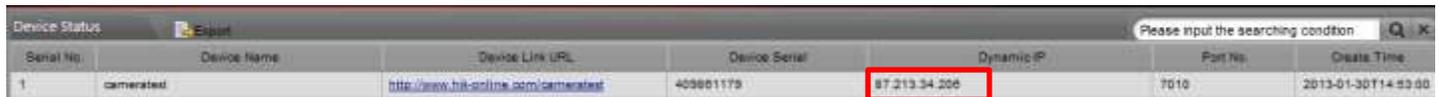
DDNS Settings

PART 3

Verify your settings

After steps above, you will be able to find your device by

- Login www.hik-online.com with your account
- Go to [Device Status]
- Your device will be online with public IP address resolved



Serial No.	Device Name	Device Link URL	Device Serial	Dynamic IP	Port No.	Create Time
1	cameratest	http://www.hik-online.com/cameratest	409801179	87.213.34.206	7010	2013-01-30T14:53:00

PART 4-A

Access your devices through IE

You will be able to access your device through IE with domain name

<http://www.hik-online.com/alias>, example: <http://www.hik-online.com/cameratest>

PART 4-B

Access your devices through iVMS4200

In IVMS 4200, choose [Device Management] -> [Add] then fill in the device information as:

- Select [Private Domain Mode]
- Nickname: as you want
- DNS address: www.hik-online.com
- Protocol Type: EasyDDNS
- Port: TCP port that you forwarded on your router, by default it is 8000
- Device ID: Alias you created
- User name: by default admin
- Password: by default 12345

Add Device

Private Domain Mode

Nickname: DS-2CD8264FWD-EI

DNS Address: www.hik-online.com

Protocol Type: IP Server EasyDDNS

Port: 7000

Device ID: cameratest

User Name: admin

Password: ●●●●●

Multicast Address:

Export To Group

Show Online Devices Add Cancel

If product is added successfully, you will be able to see it in [Import Camera] Tab page, [Group] list



If above steps are done, go to [Main View], drag the camera to the live view window



PART 4-C

Access your devices through iVMS4500

In iVMS4500 select [Device] -> [Add], Fill in

- [Domain name] as alias you registered in www.hik-online.com
- Select Register mode as [DDNS]
- [Server Address] as www.hik-online.com
- [Server Port] as 80, be attention, in [Server Port] also fill in 80, it is fixed align with www.hik-online.com server setting
- [User name] by default admin
- [Password] by default 12345
- [Channel No.] in iVMS 4500 fill in the actual channel No., in iVMS 4500 HD it will automatically obtained

Domain name	cameratest	✕
Register mode	DDNS	>
Server Address	www.hik-online...	✕
Server Port	80	✕
User name	admin	✕
Password	●●●●●	✕
Chan No.	1	✕