

<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	1 of 17		



## Summary

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**Hik-Connect** is a new service introduced by Hikvision which integrates the dynamic domain name Service along with alarm push notification service. It provides an easy way for devices to connect to the Internet.

This manual is a guide for users to show them how to add Hik-Connect service.

### *Note:*

In order to improve your user experience, we recommend you enable the **UPnP** function in both your router and device, or configure **Ports Forwarding** manually in your router.

You still can use Hik-Connect service even if you don't enable **UPnP** or configure **ports forwarding** manually; however, you cannot use Hik-Connect domain name service.

## Discretion

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User interface may not be identical to the instructions shown below depending on the product, firmware version. However, the information and settings required to setup Hik-Connect services are similar across all supporting products.

## Preparation

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Users need to upgrade device to proper firmware that supports Hik-Connect Service.

<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	2 of 17		

## How to add devices into Hik-Connect account

Users can enable Hik-Connect function via Hik-Connect APP; www.hik-connect.com web portal; iVMS-4500 app or iVMS-4200 client.

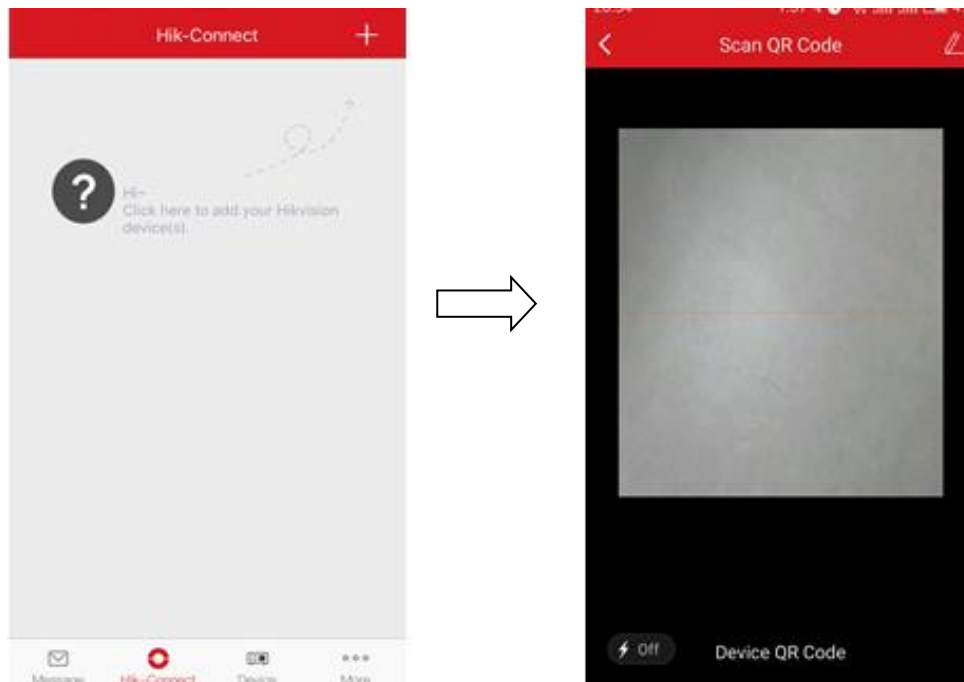
**Note:**

For iVMS-4500 app & iVMS-4200 Client, we suggest waiting for new available version released soon.

### Method 1: Add devices via Hik-Connect APP

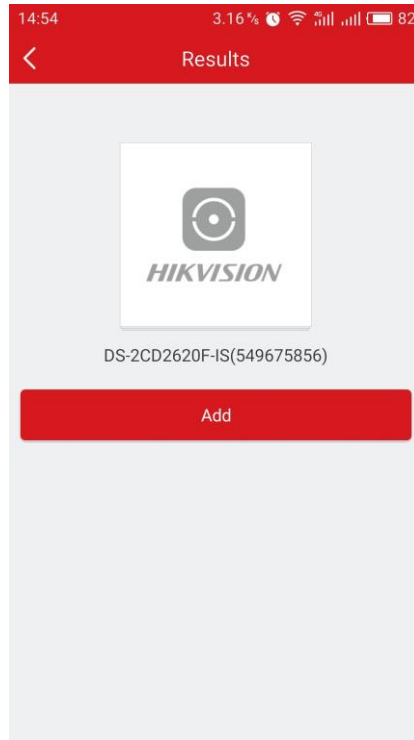
Steps:

- (1) Run Hik-Connect app at your mobile;
- (2) Add the device by scanning device QR code or inputting device serial number manually;

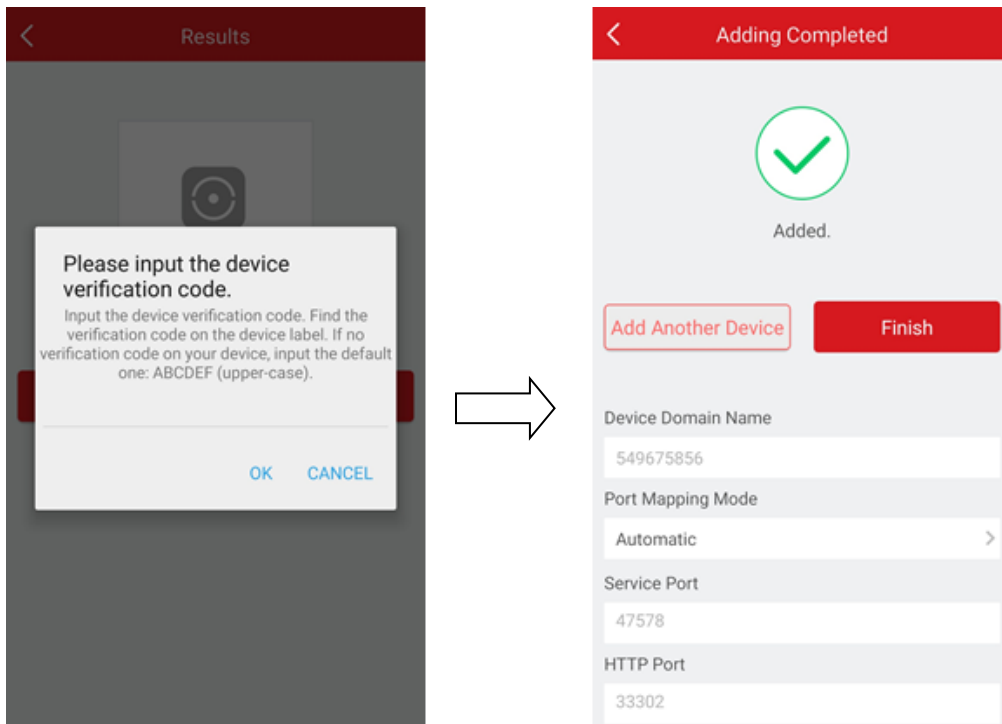


- (3) Click 'Add' to continue;

<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	3 of 17		



(4) Input device verification code to finish.



(5) Go back to **Hik-Connect** tab to live view.

<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	4 of 17		



**Note:**

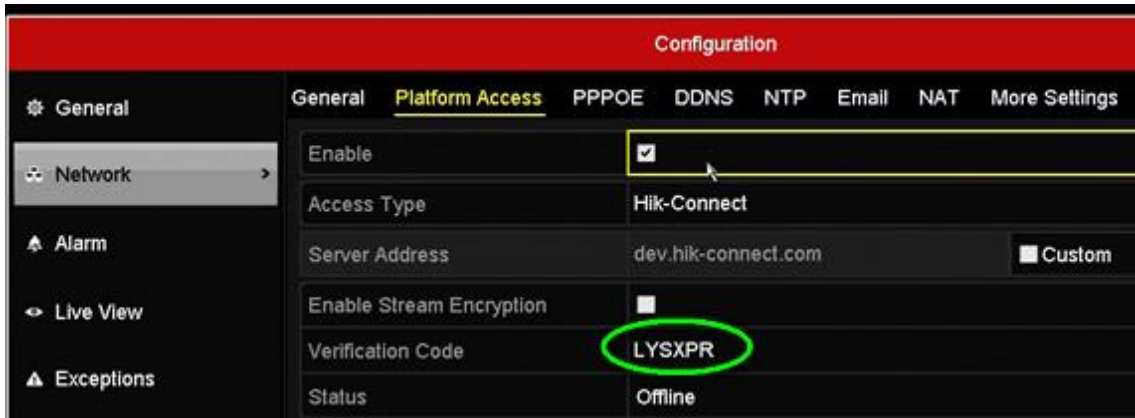
**How to find device verification code?**

- a) Try to find device verification code on the label of the device;

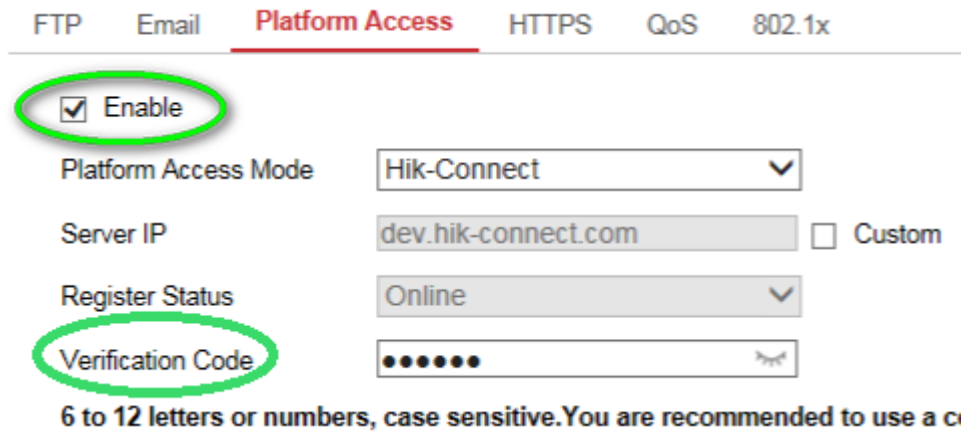


- a) Try to find the device verification code on the local GUI of DVRs/NVRs.

<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	5 of 17		



c) Try to find the verification code in the device web configuration interface for both camera and DVRs/NVRs.



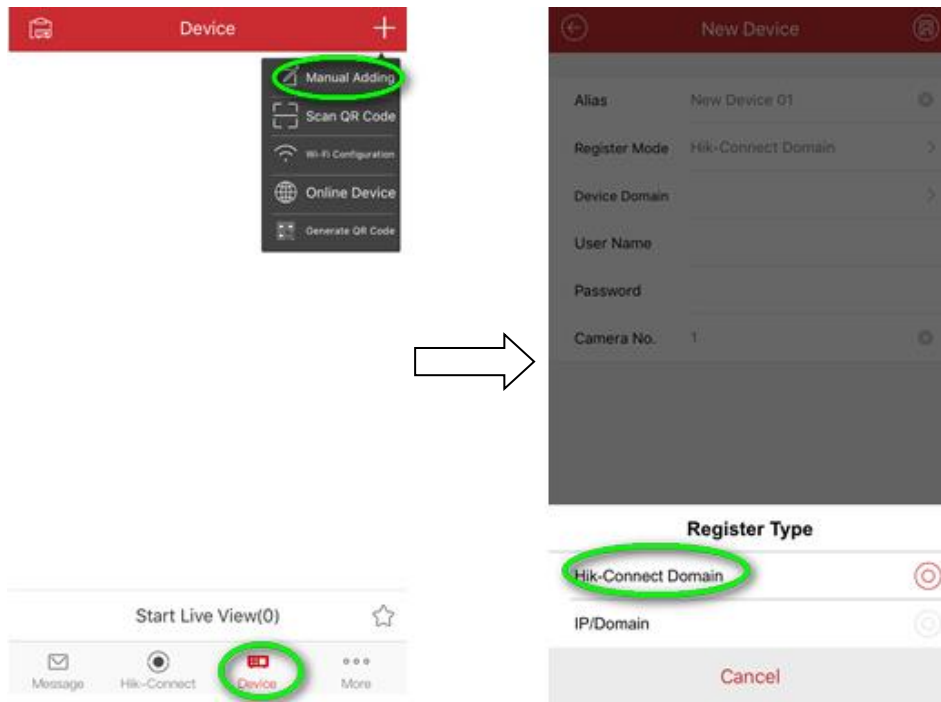
**Note:**

If the user wants to use Hik-Connect domain name service at Hik-Connect App, he needs to continue to add this device in **Device** tab with Hik-Connect Domain adding type.

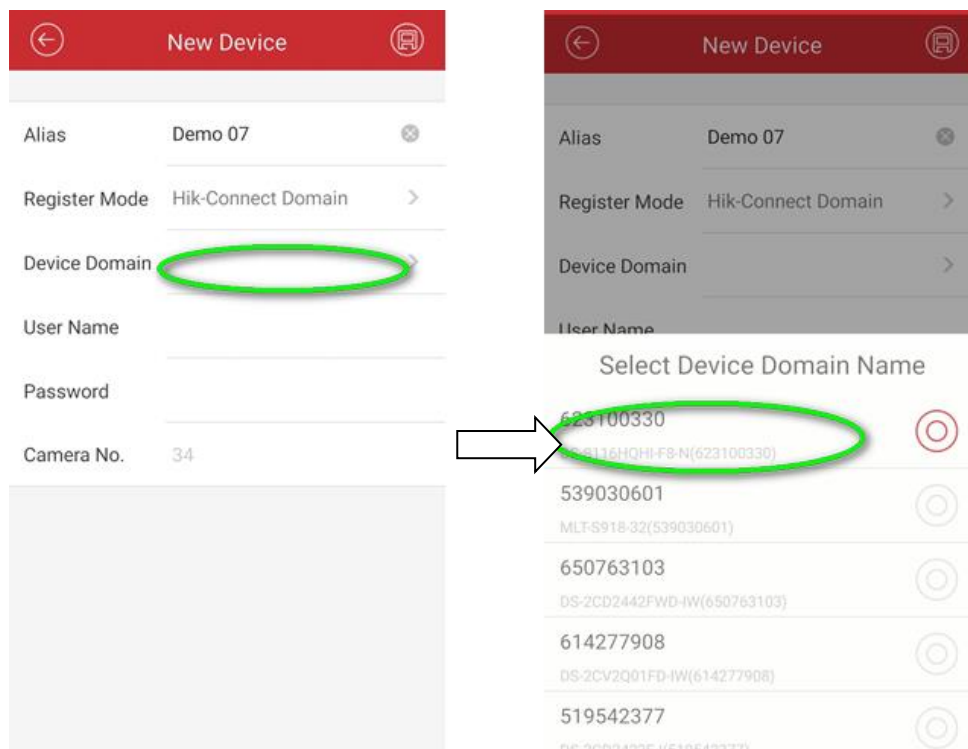
Steps:

- (1) Go to **Device** tab; click the '+' at the upper-right of the interface;
- (2) Select **Manual Adding** and select Register Mode as '**Hik-Connect Domain**';

<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	6 of 17		

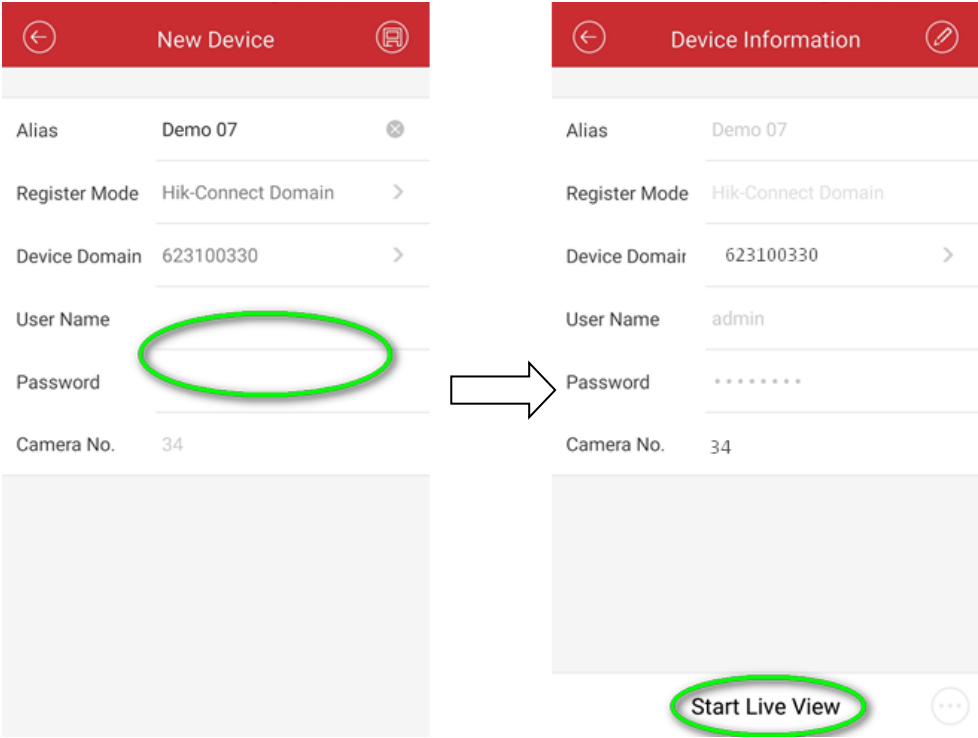


(3) Click **Device Domain** input box and select the corresponding device from the list;



(4) Enter device **user name** and **password** to finish adding process. Click **Start to live view** to watch.

<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	7 of 17		



**Method 2: Add devices via [www.hik-connect.com](http://www.hik-connect.com) web portal**

Steps:

(1) Type [www.hik-connect.com](http://www.hik-connect.com) into browser location bar;



(2) Login with your account user name and password.

<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	8 of 17		

Welcome!

[Forgot the Password?](#)

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No account? Register one now.

(3) Go to **Device Management** and click **Add** to add a device.

The screenshot shows the Hik-Connect web interface. At the top left is the HIKVISION logo. On the right, it says 'hik\_connect\_test | English'. A sidebar on the left contains 'Device Management' (with a gear icon) and 'My Account' (with a person icon). The main area is titled 'Device Management' and includes a search bar with a dropdown menu set to 'Device Serial No.' and a search icon. To the right of the search bar is an 'Add' button with a plus sign. Below this is a table with columns: 'Device Domain', 'Device Serial No.', 'IP/Port No.', 'Device Status', and 'Device Operation'. The table is currently empty, displaying 'No device.' in orange text.

(3) Click **Add**; Input your device **Serial no.** then click **Search**.

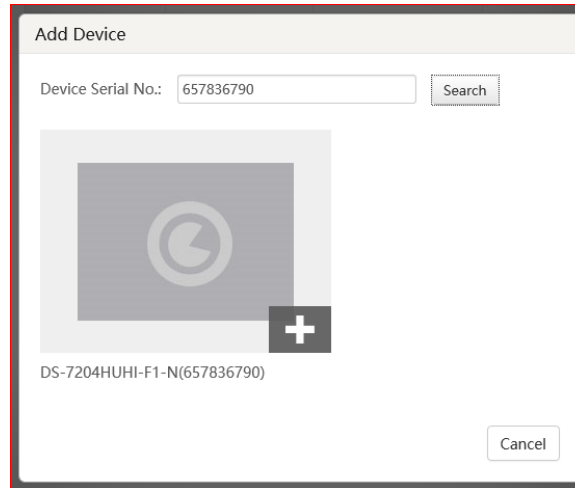
**Add Device**

Device Serial No.:

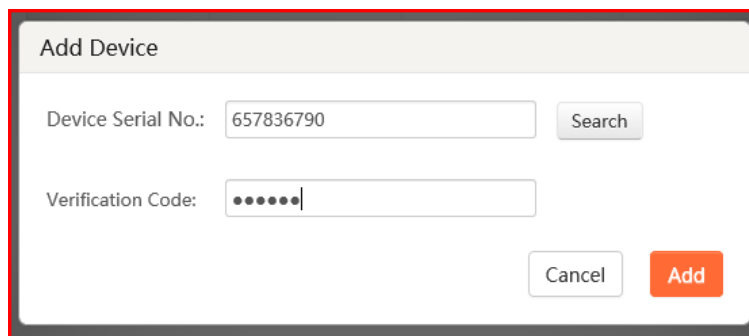
(4) When a connection is made to the device (it must be powered on and connected to the Internet) a pop-up shows the model and confirms the S/N. If this is the desired device, Click '+' to continue;



<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	9 of 17		



(5) Input your device **verification code**, then click **Add** to finish.



(6) A pop-up confirms success. And the device now appears on the **Device Management** page.

**HIKVISION** hik\_connect\_test | English

**Device Management** Device Serial No. Search by Device Serial No. Add

Device Domain	Device Serial No.	IP/Port No.	Device Status	Device Operation
497553057	497553057	68.129.421.132/80	Online	

Device added successfully.

(7) Double click on the **IP address** and **Port No.** of a connected device, a new windows opens showing the login screen for the device. Enter the **user name** and **password** to login into the device.

<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	10 of 17		



Device Domain	Device Serial No.	IP/Port No.	Device Status	Device Operation
497553057	497553057	68.129.421.132/80	Online	
657836790	657836790	<u>70.422.32.191/81</u>	Online	



<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	11 of 17		

## Appendix:

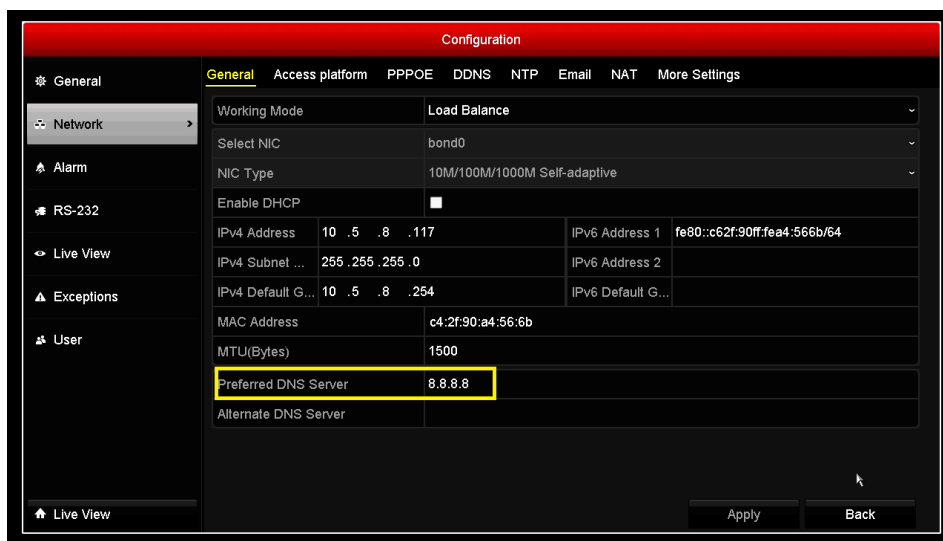
### 1. How to configure Port Forwarding?

#### Method 1: Configure Port Forwarding via UPnP

Steps:

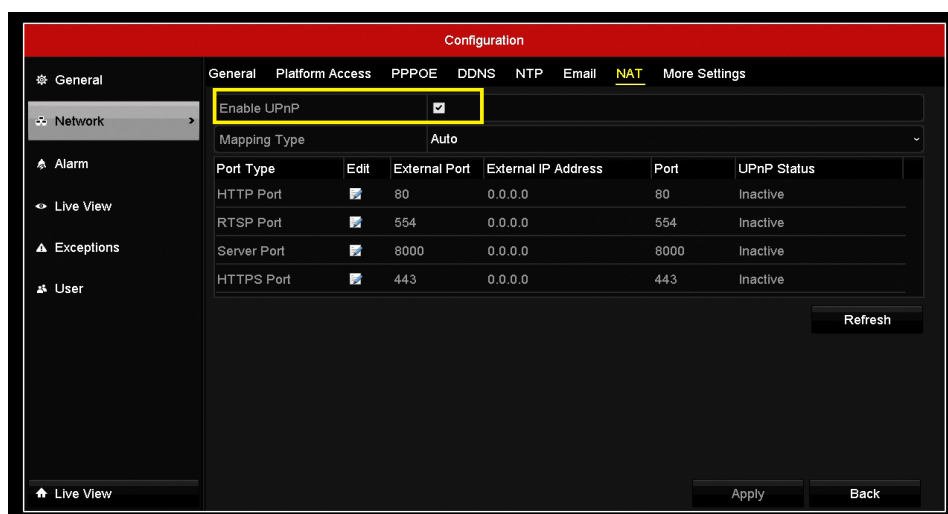
(1) Go to **Configuration -> Advanced Configuration -> Network -> General** to correctly configure network parameters to make sure your device is accessible in LAN. **DNS server address** is necessary in this case.

(2) Click **Apply** to continue.



(3) Go to **Menu->Configuration->Network->NAT** to check 'Enable UPnP';

(4) Login router management interface via web and enable UPnP function.



**Note:**

(1) The Mapping Type is recommended as **Auto**.

(2) The **(External)Port** as well as **External IP Address** will be refreshed if all the configurations are correct. And **UPnP Status** will be **Active**.

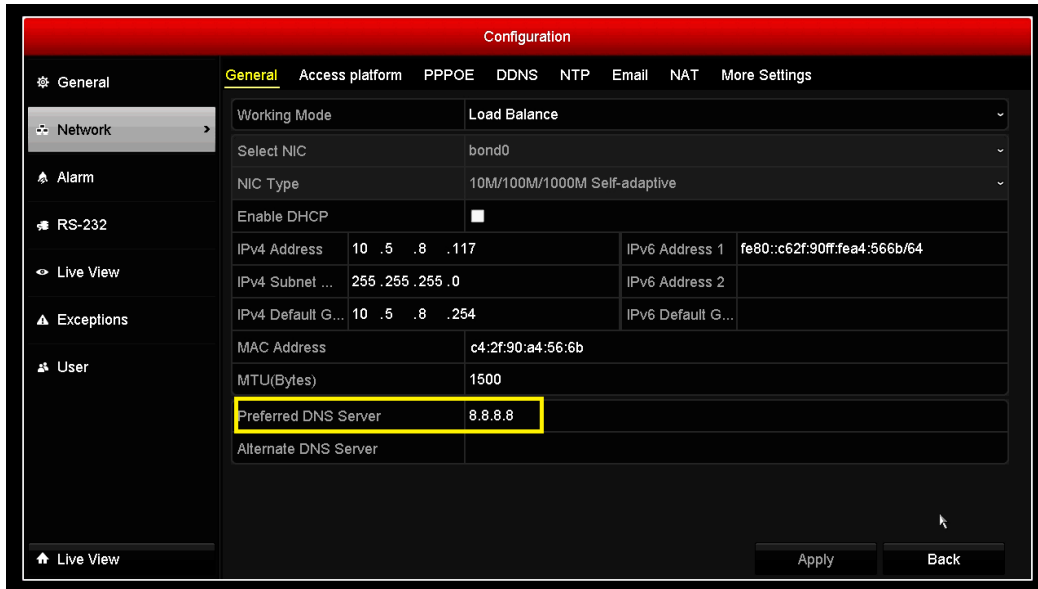
<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	12 of 17		



## Method 2: Configure Port Forwarding Manually

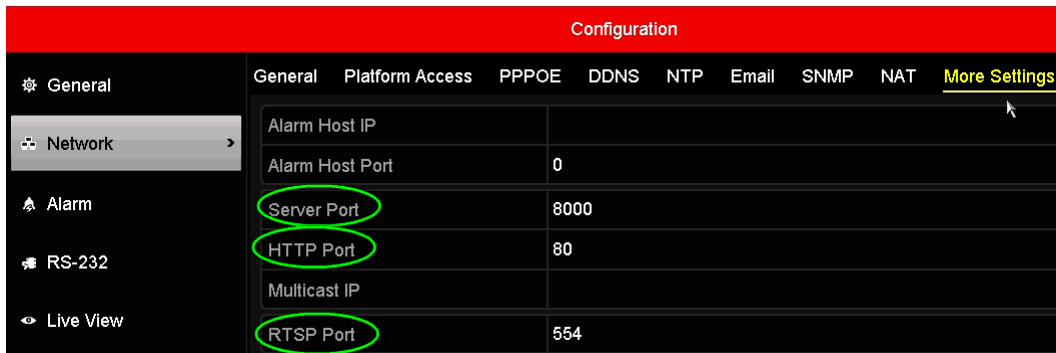
Steps:

(1) Go to **Configuration -> Advanced Configuration -> Network -> General** to correctly configure network parameters to make sure your device is accessible in LAN. **DNS server address** is necessary in this case.



(2) Click **Apply** to continue.

(3) Go to **Menu->Configuration->Network->More Settings** to check the ports you need to open.



(4) Login router management interface via web;

(5) Go to **Forwarding** to open ports for device.

ID	Service Ports	IP Address	Protocol	Status	Modify
1	80	192.168.1.23	ALL	Enabled	<a href="#">Modify</a> <a href="#">Delete</a>
2	8000	192.168.1.23	ALL	Enabled	<a href="#">Modify</a> <a href="#">Delete</a>
3	554	192.168.1.23	ALL	Enabled	<a href="#">Modify</a> <a href="#">Delete</a>
4	8200	192.168.1.23	ALL	Enabled	<a href="#">Modify</a> <a href="#">Delete</a>
5	81	192.168.1.24	ALL	Enabled	<a href="#">Modify</a> <a href="#">Delete</a>
6	8001	192.168.1.24	ALL	Enabled	<a href="#">Modify</a> <a href="#">Delete</a>
7	5555	192.168.1.24	ALL	Enabled	<a href="#">Modify</a> <a href="#">Delete</a>
8	8201	192.168.1.24	ALL	Enabled	<a href="#">Modify</a> <a href="#">Delete</a>

[Add New...](#)
[Enable All](#)
[Disable All](#)
[Delete All](#)

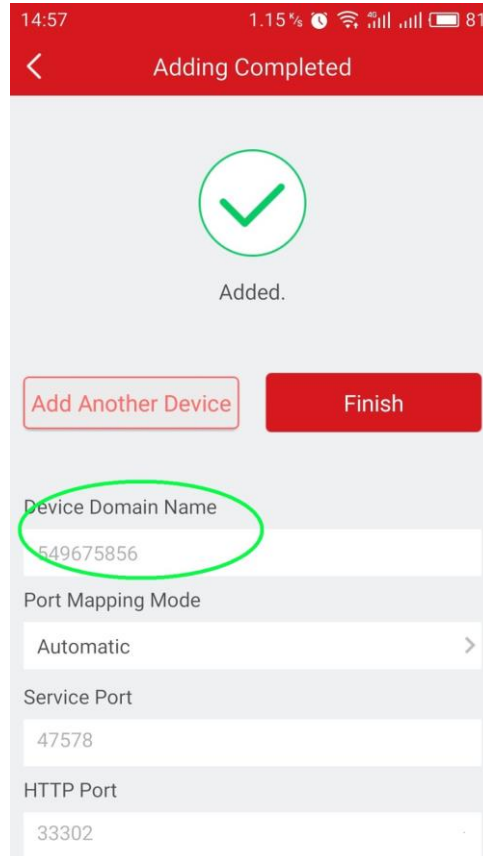
<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	13 of 17		

**Note:**

The port forwarding interface above is for TP-LINK router (TL-ER340G), which maybe distinct from other router's interface.

## 2. How to modify device domain name?

Method 1: Modify the device domain name when you finish adding.

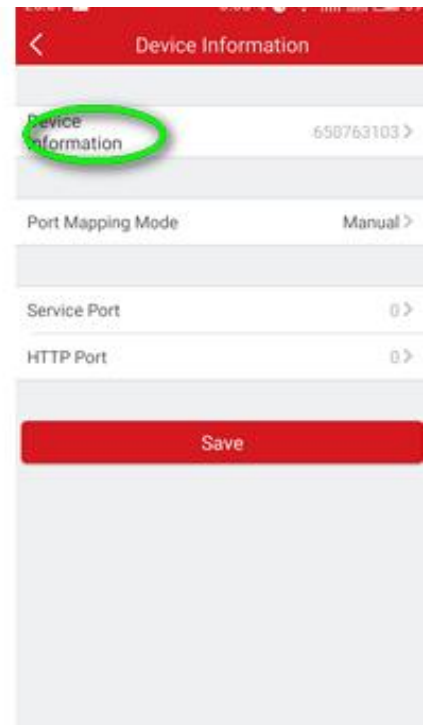


Method 2: Modify the device domain name after you finish adding.

Steps:

- (1) Go to **Hik-Connect** tab, select the device you want to change domain name;
- (2) Go to **Settings**;
- (3) Click **Device Information** to modify.

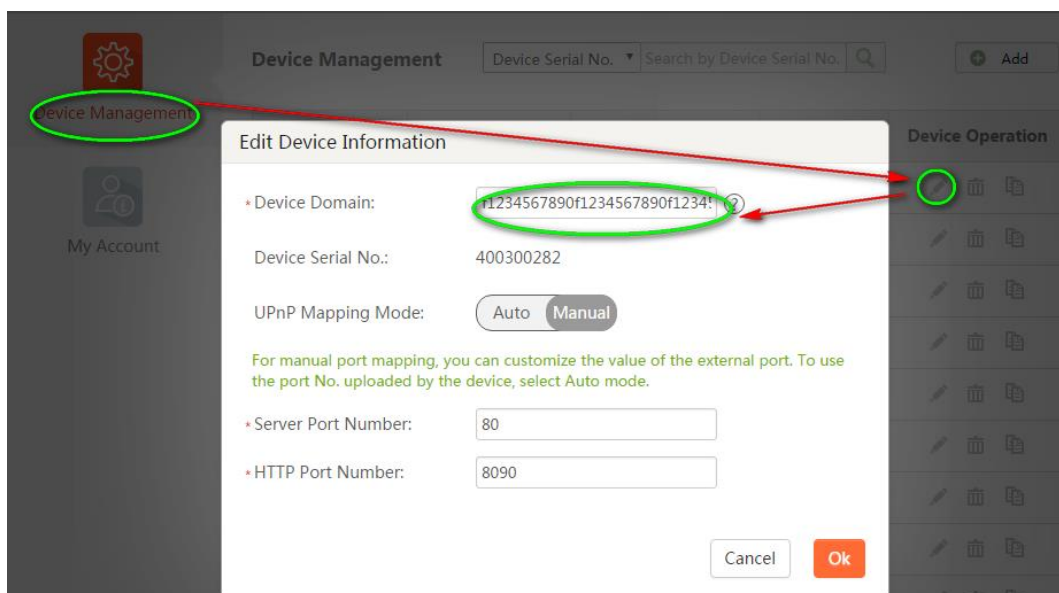
<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	14 of 17		



Method 3: Modify the device domain name via [www.hik-connect.com](http://www.hik-connect.com) web portal.

Steps:

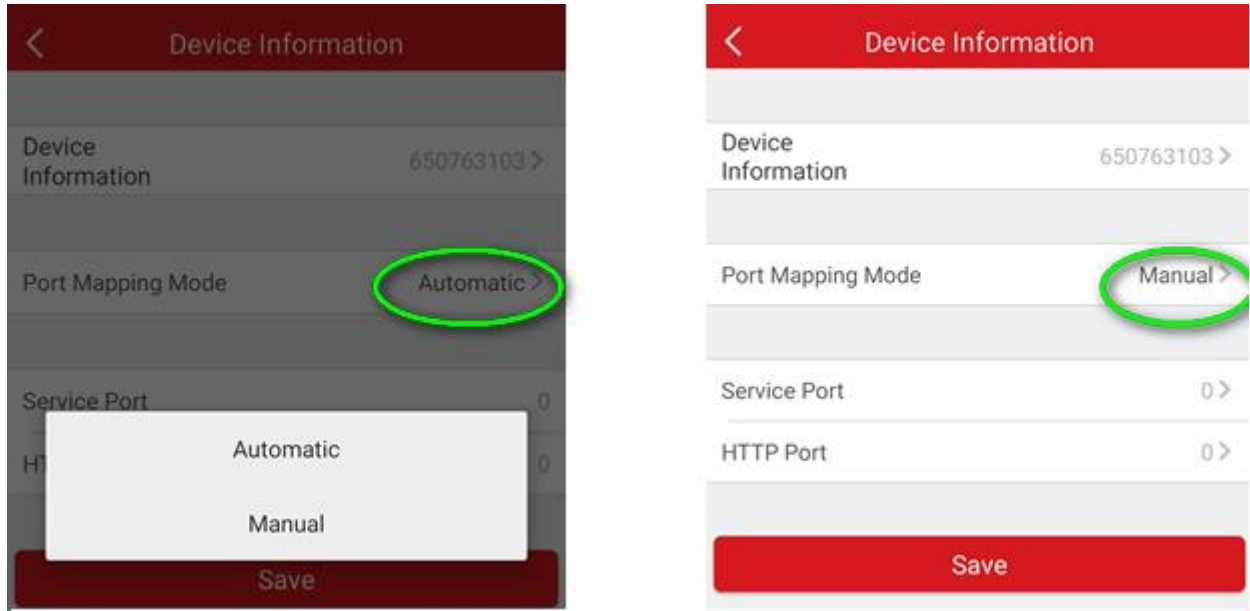
- (1) Login [www.hik-connect.com](http://www.hik-connect.com) web portal with registered account;
- (2) Go to **Device Management**;
- (3) Select the device you want to change the domain name and click **Edit**.
- (4) Input a new device domain name and click **OK** to save.



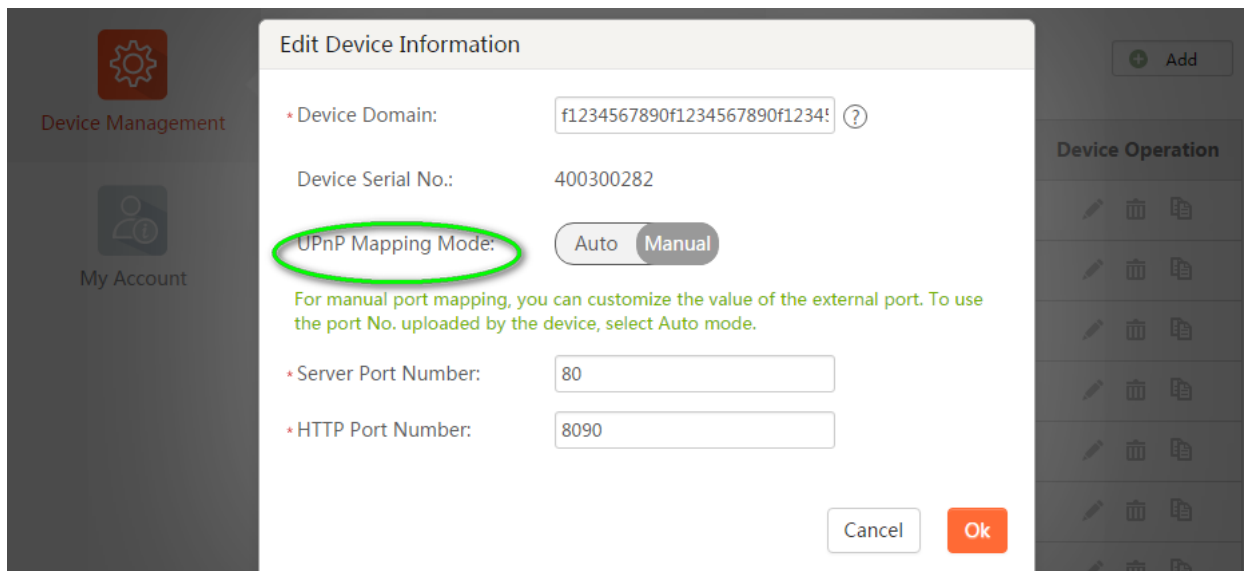
<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	15 of 17		

### 3. What’s the difference between the two port mapping modes in Hik-Connect app & Hik-Connect web portal?

Users can modify **Port Mapping Mode** in **Device Information** interface in Hik-Connect app or in Device Management interface via hik-connect web portal.



Hik-Connect app interface



hik-connect web portal interface

1. **Auto:** Hik-Connect uses the port reported by the device to connect to it. It is applicable to the situation that device upnp mapping works.

<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	16 of 17		



2. **Manual:** Manually configures port to connect to the device. If UPnP mapping fails, user needs to manually configure the routing. For the devices without latest Hik-Connect firmware, only Manual mode is supported.

**Note:**

If it can't redirect your device after clicking IP/Port No. link in [www.hik-connect.com](http://www.hik-connect.com) while the device status is online, it means ports may not be properly configured for your device. In this case, please kindly open ports MANUALLY in router instead of using UPnP to configure port forwarding

Please try **http:// WAN IP: Port No.** to test whether Port Forwarding is successful after port forwarding manually.

The screenshot shows the Hik-Connect web interface. At the top left is the HIKVISION logo. In the top right corner, there is a user profile dropdown labeled 'hik\_connect\_test' and the language 'English'. The main content area is titled 'Device Management' and features a search bar with a dropdown menu set to 'Device Serial No.' and a search button. An 'Add' button is also present. Below the search bar is a table with the following data:

Device Domain	Device Serial No.	IP/Port No.	Device Status	Device Operation
497553057	497553057	<a href="#">68.129.421.132/80</a>	Online	



<b>Title:</b>	How to add device into Hik-Connect account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
<b>Product:</b>	Cameras, NVRs, DVRs	<b>Page:</b>	17 of 17		



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