

<b>Title:</b>	How to add device into Guarding Vision account	<b>Version:</b>	v1.0	<b>Date:</b>	1/3/2017
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## Summary

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**Guarding Vision** is a new service introduced 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 Guarding Vision 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 Guarding Vision 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 Guarding Vision services are similar across all supporting products.

## Preparation

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Users need to upgrade device to proper firmware that supports Grding Vision Service.

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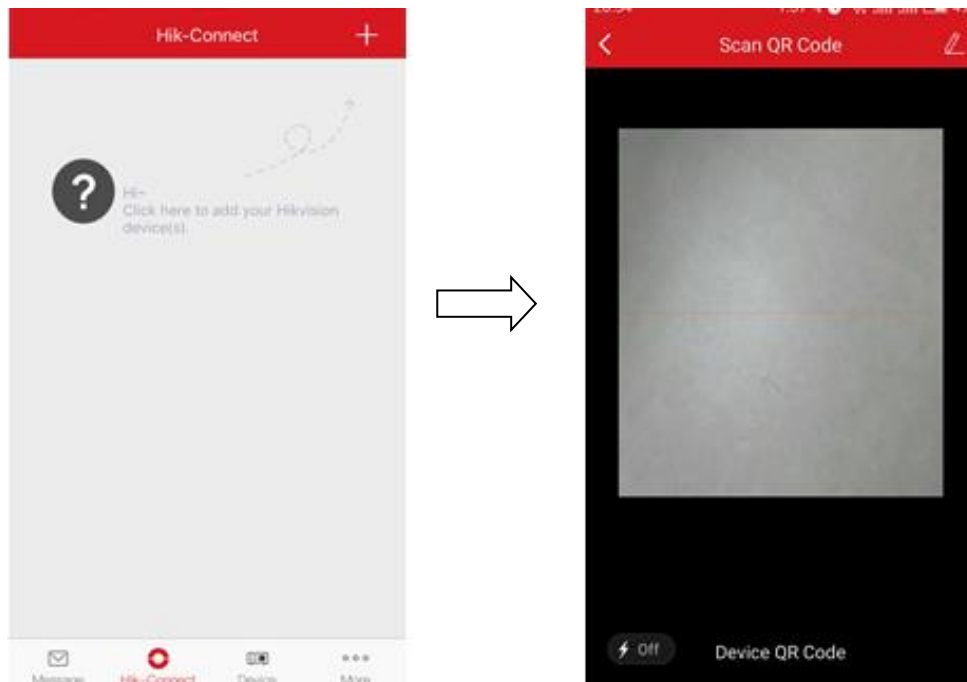
## How to add devices into Guarding Vision account

Users can enable Guarding Vision function via Guarding Vision APP; [www.guardingvision.com](http://www.guardingvision.com) web portal; Guarding Vision app or Guarding Expert client.

### Method 1: Add devices via Guarding Vision APP

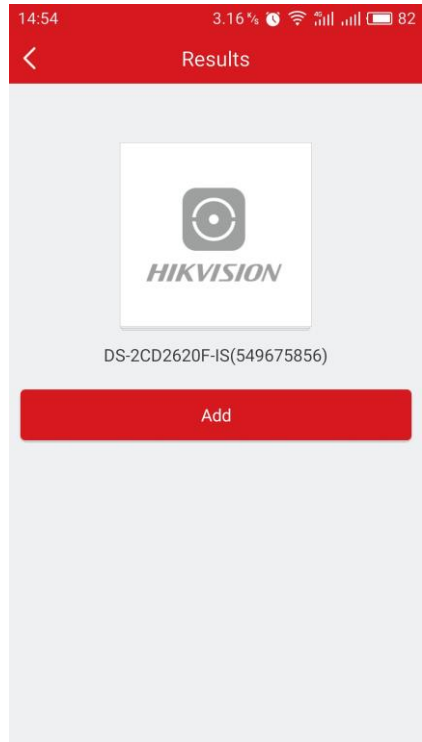
Steps:

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

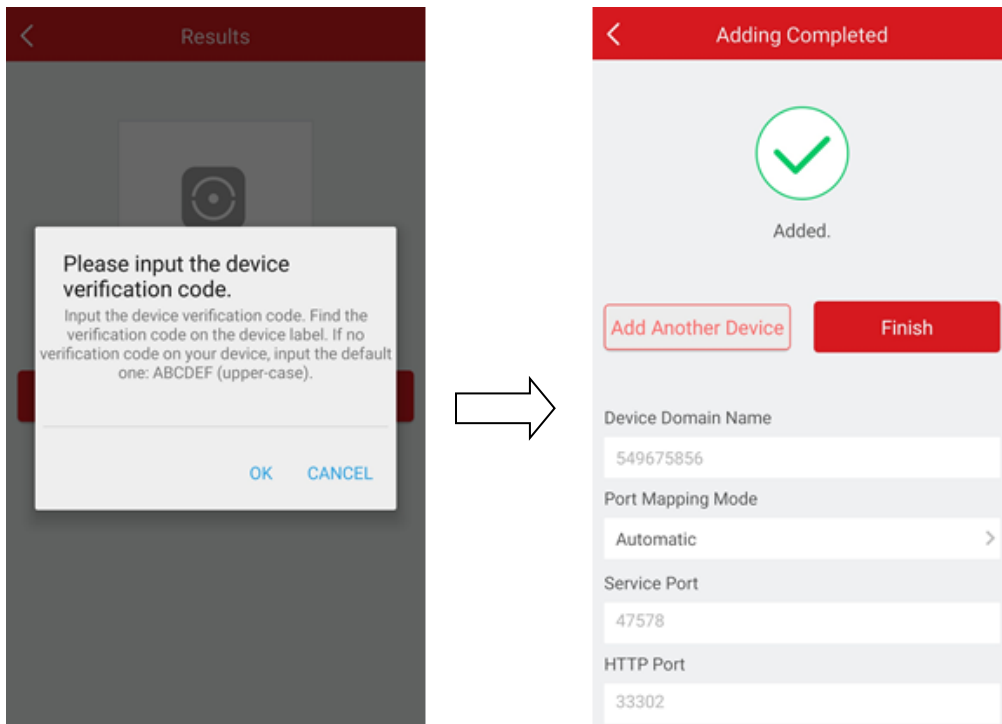


- (3) Click 'Add' to continue;

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(4) Input device verification code to finish.



(5) Go back to **Guarding Vision** tab to live view.

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**Note:**

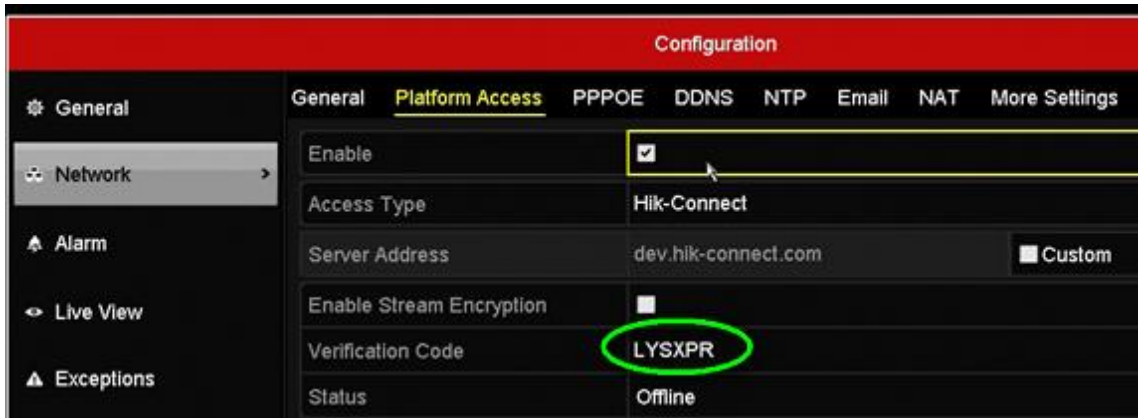
**How to find device verification code?**

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

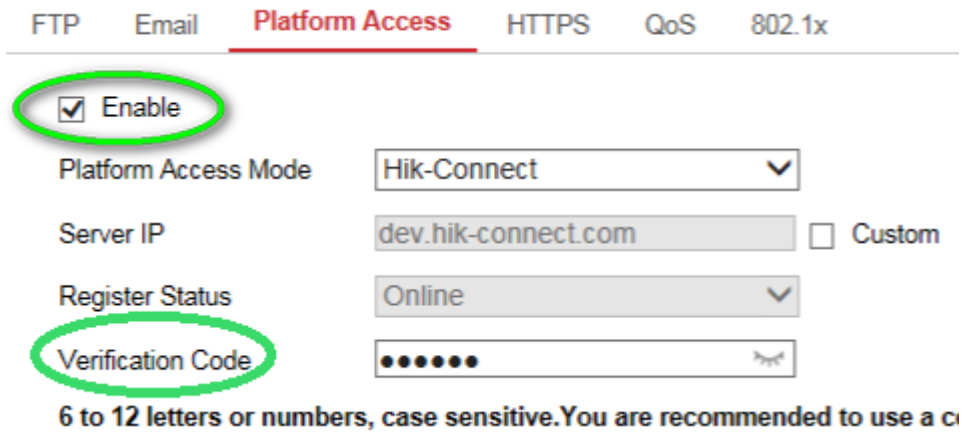


- a) Try to find the device verification code on the local GUI of DVRs/NVRs.

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



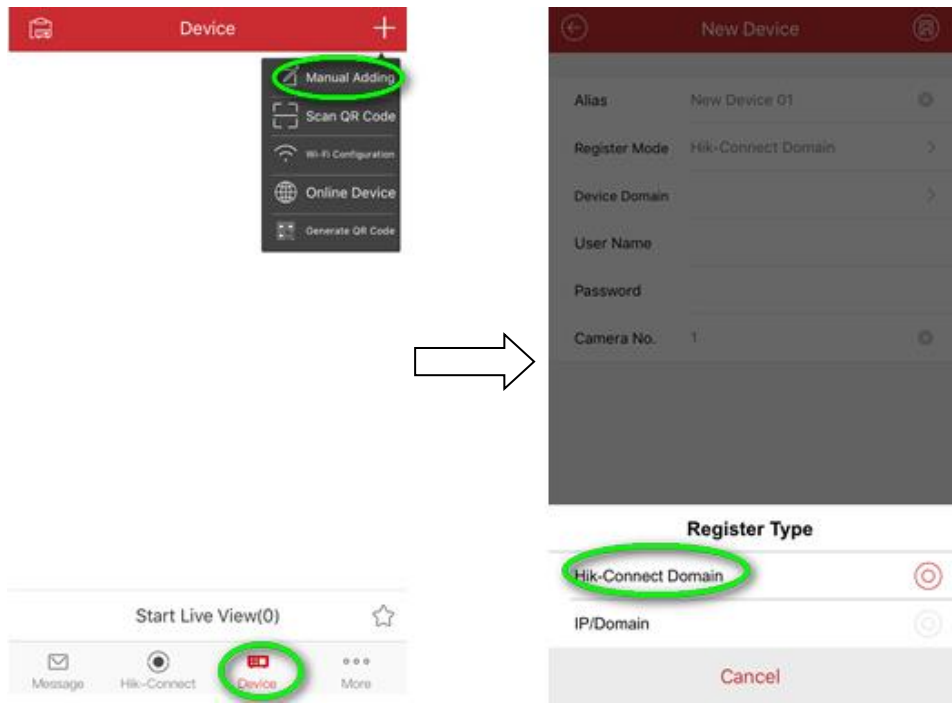
**Note:**

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

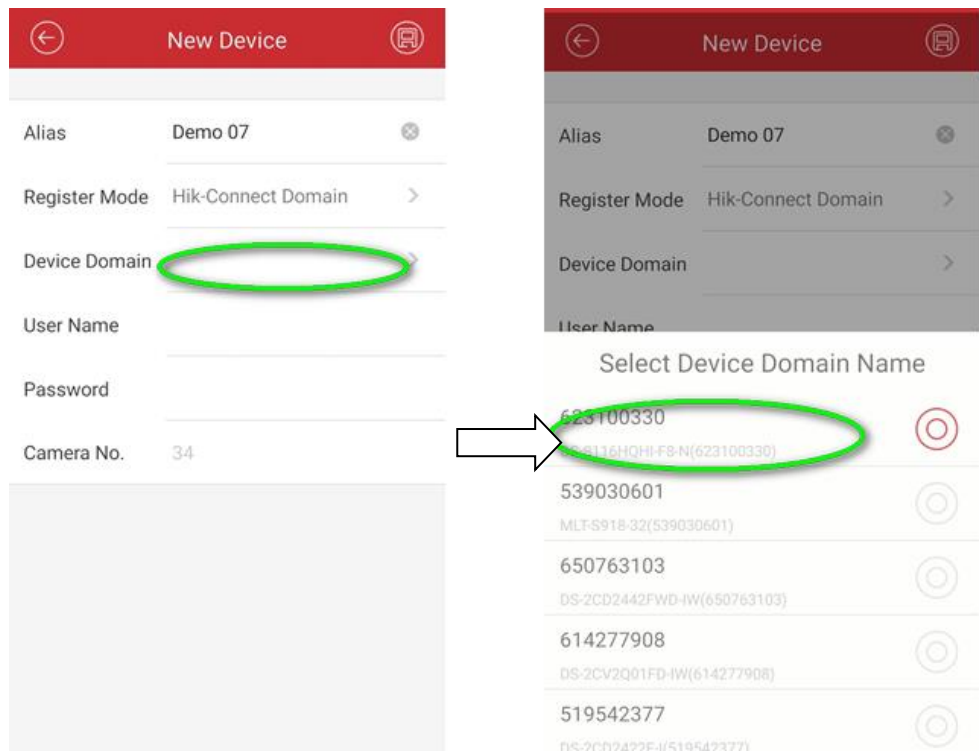
Steps:

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

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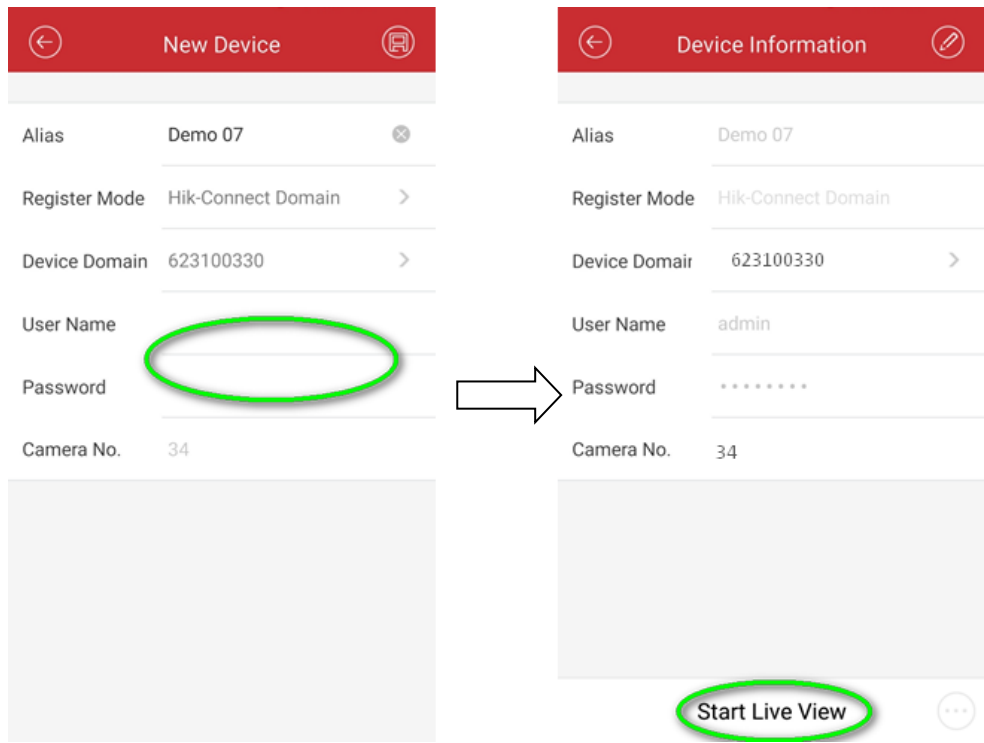


(3) Click **Device Domain** input box and select the corresponding device from the list;



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

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

Steps:

(1) Type [www.guardingvision.com](http://www.guardingvision.com) into browser location



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

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**Welcome!**

account/email

password

[Forgot the Password?](#)

**Login**

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No account? Register one now.

**Register**

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

**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
No device.				

My Account

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

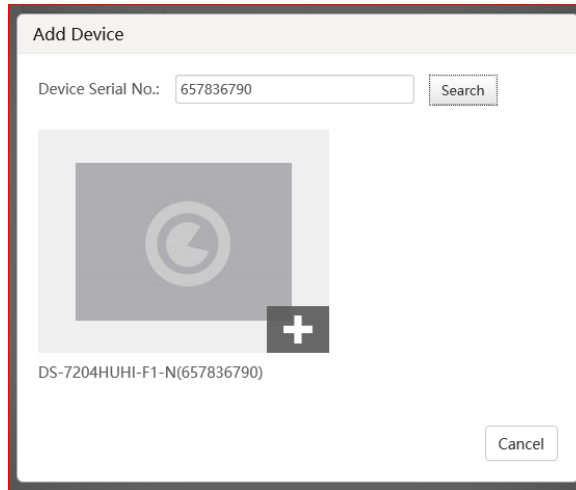
**Add Device**

Device Serial No.:

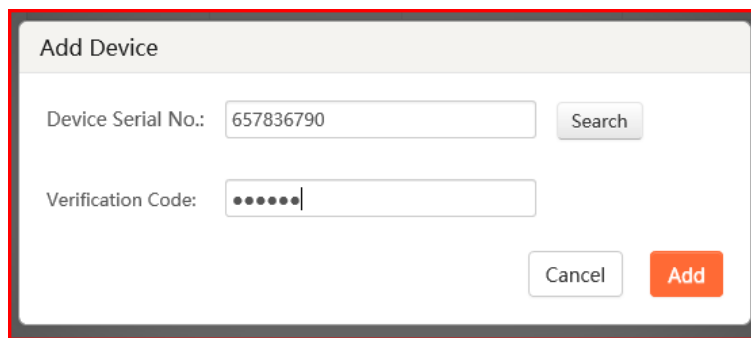
(4) When a connection is made to the device (it must be powered on and connected to the Internet) a pop-up shows the model and confirms the S/N. If this is the desired device, Click '+' to continue;



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(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.

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

(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.

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HIKVISION hik\_connect\_test | English

Device Management  Search by Device Serial No.

Device Domain	Device Serial No.	IP/Port No.	Device Status	Device Operation
497553057	497553057	<a href="#">68.129.421.132/80</a>	Online	
657836790	657836790	<a href="#">70.422.32.191/81</a>	Online	



HIKVISION

Device Management Login

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## Appendix:

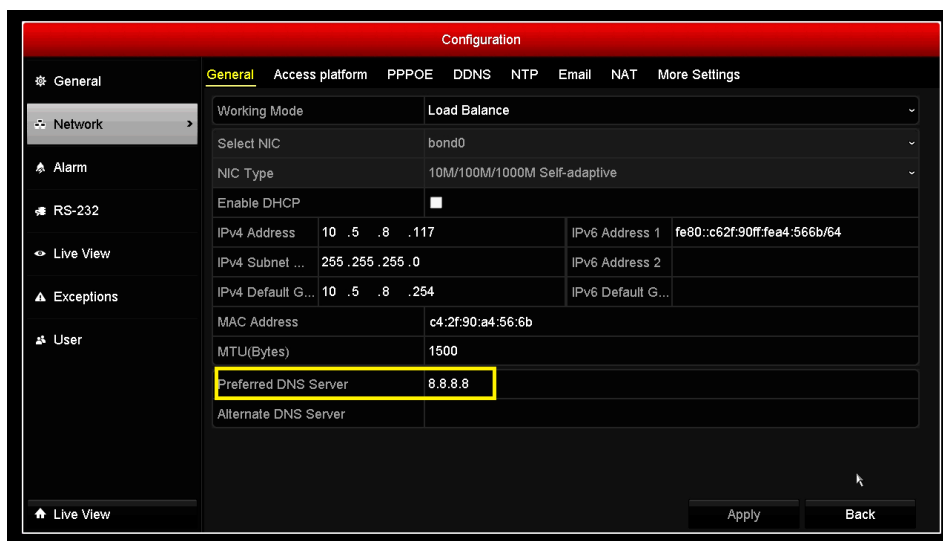
### 1. How to configure Port Forwarding?

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

Steps:

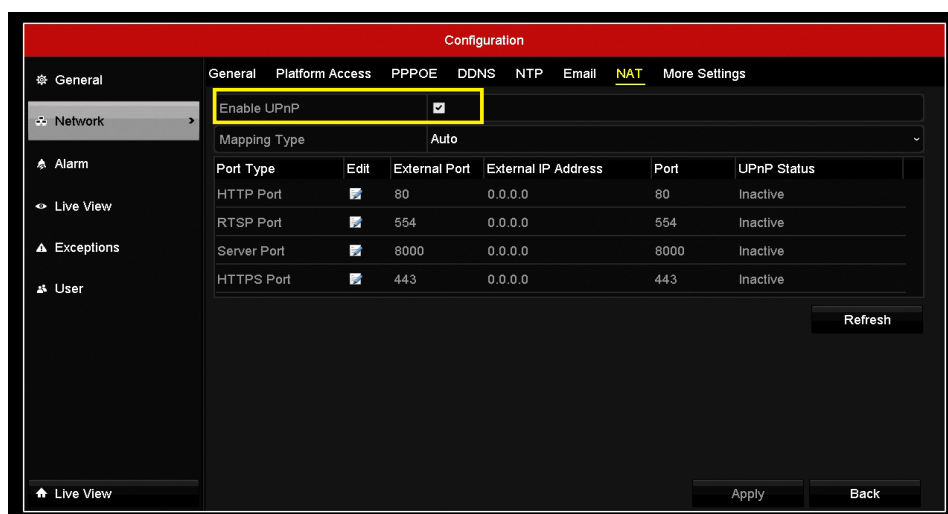
(1) Go to **Configuration -> Advanced Configuration -> Network -> General** to correctly configure network parameters to make sure your device is accessible in LAN. **DNS server address** is necessary in this case.

(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**.

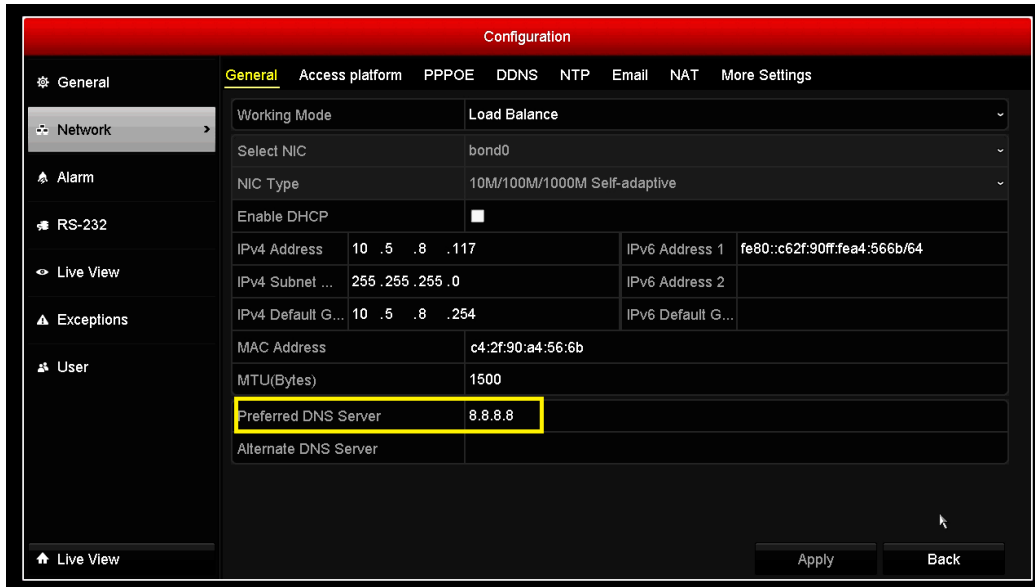
(2) The **(External)Port** as well as **External IP Address** will be refreshed if all the configurations are correct. And **UPnP Status** will be **Active**.

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## Method 2: Configure Port Forwarding Manually

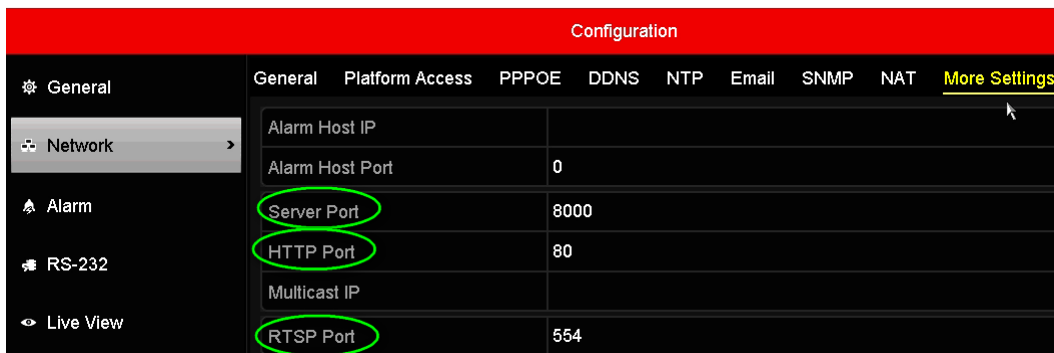
Steps:

(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](#)

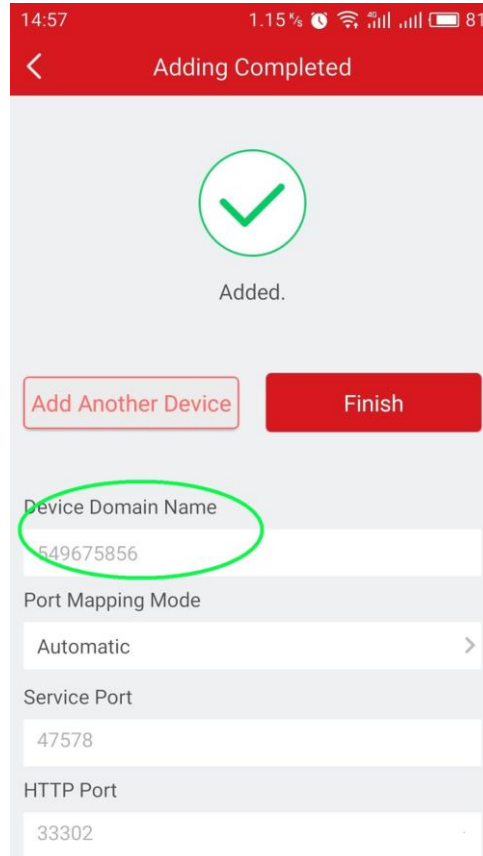
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**Note:**

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.

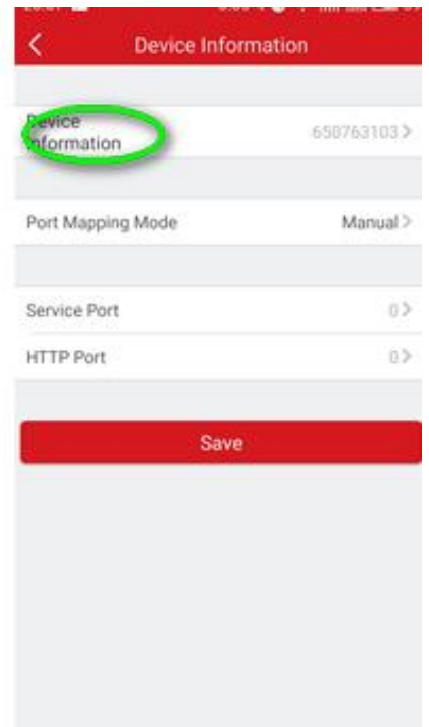


Method 2: Modify the device domain name after you finish adding.

Steps:

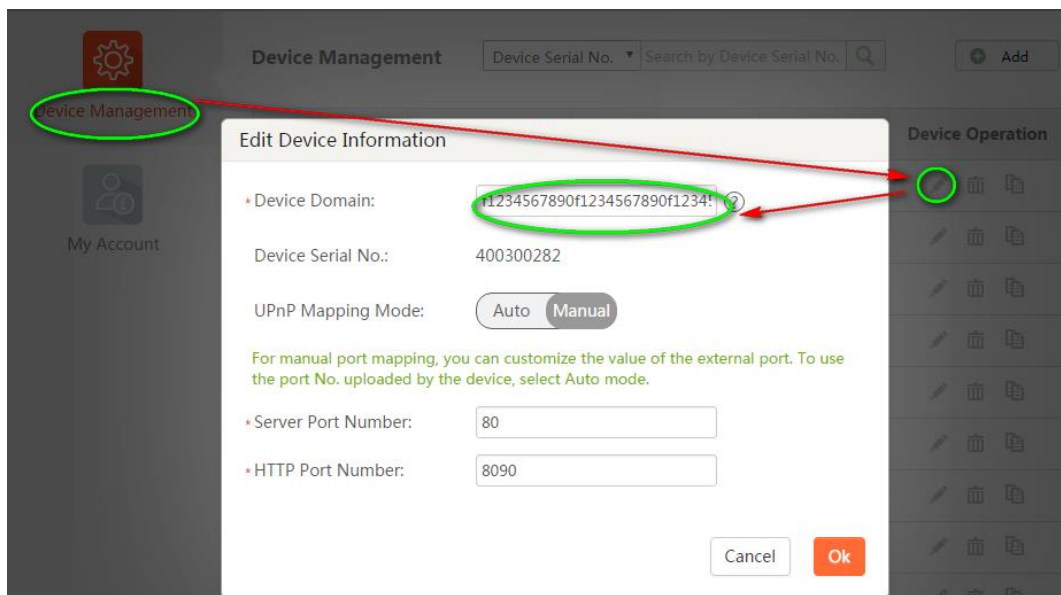
- (1) Go to **Guarding Vision** tab, select the device you want to change domain name;
- (2) Go to **Settings**;
- (3) Click **Device Information** to modify.

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

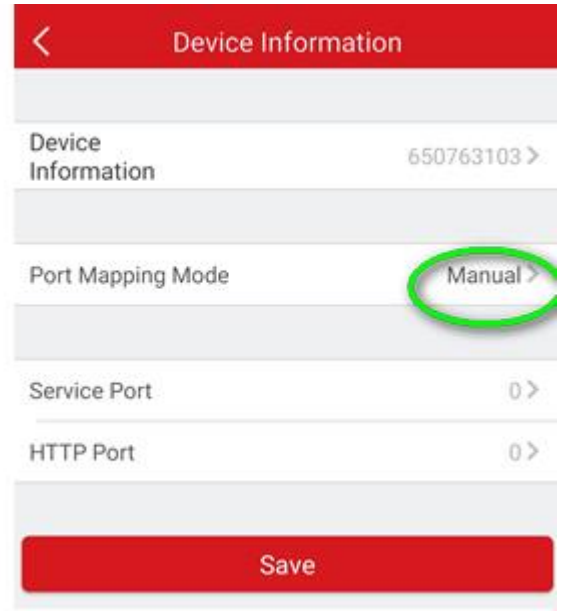
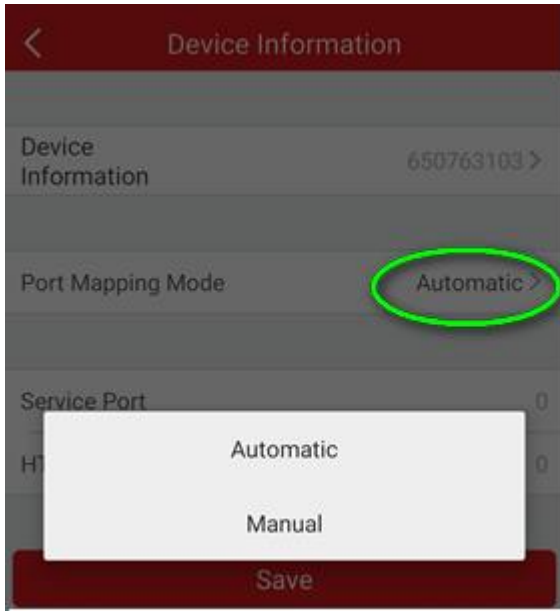
- (1) Login [www.guardingvision.com](http://www.guardingvision.com) web portal with registered account;
- (2) Go to **Device Management**;
- (3) Select the device you want to change the domain name and click **Edit**.
- (4) Input a new device domain name and click **OK** to save.



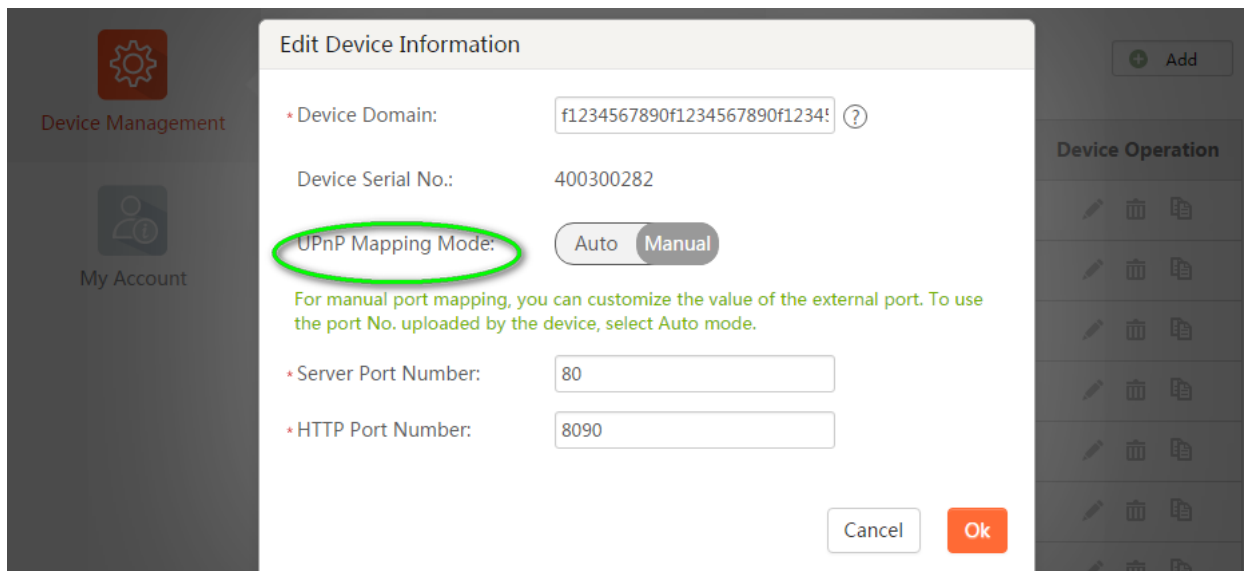
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### 3. What's the difference between the two port mapping modes in Guarding Vision app & Guarding Vision web portal?

Users can modify **Port Mapping Mode** in **Device Information** interface in Guarding Vision app or in Device Management interface via Guarding Vision web portal.



Guarding Vision app interface



Guarding Vision web portal interface

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

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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 Guarding Vision firmware, only Manual mode is supported.

**Note:**

If it can't redirect your device after clicking IP/Port No. link in [www.guardingvision.com](http://www.guardingvision.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.

