Summary

Guarding Vision is a new service 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 is an updated manual for Guarding Vision v3.0.

For more configuration guide, please refer to the user manual of Guarding Vision.

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.

Discretion

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

1. Users need to upgrade device to proper firmware that supports Guarding Vision Share function.
2. Update the Guarding Vision app to v3.0.0 or above.

How to add devices into Guarding Vision account

Users can enable Guarding Vision function via Guarding Vision APP, www.GuardingVision.com web portal, SADP tool or CMS client.

Method 1: Add devices via Guarding Vision APP

Steps:

(1) Open Guarding Vision app in your mobile;

(2) Go to **Home** interface, tap the icon ╋ at the upper-right corner;

(3.1) **Adding by Scanning QR Code**

- Tap **Scan QR Code** to enter the Scan QR Code interface, or you can click 📷 at the upper-right corner of the interface to extract QR code from local album. Normally, the QR code is on label, which is on the back cover of the device.
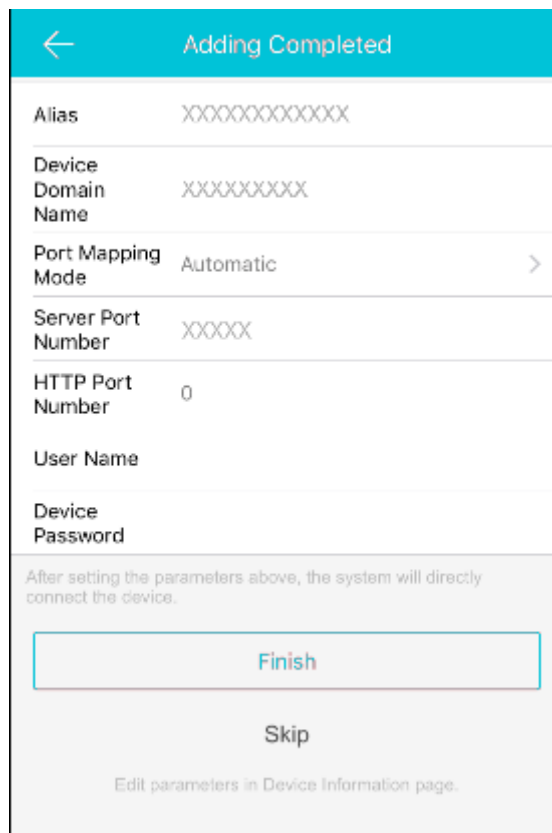

(3.2) **Manual Adding**

- Tap **Manual Adding** to enter the New Device interface;
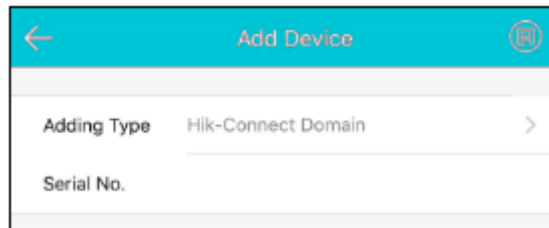
- Select the adding type as **Guarding Vision Domain;**
- Input the device serial No. manually.
- Tab to search the device

(4) Click '**Add**' to continue;

(5) Input device verification code to finish, and the **Adding Completed** interface will pop up.

Note:

If you've entered this interface, it means you've added your device to Guarding Vision **successfully.** You can click **Skip** and go back to Home interface to watch the live view.

However, if you prefer a faster stream loading speed, you need to **open ports** in your router in advance, and continue to set the information below:

(6) Set the device alias and domain name;

(7) Select the port mapping mode. You can select either **Automatic** or **Manual**;

Automatic: The client will adopt a device port automatically.

Manual: You should set the port information manually.

(8) Input the device user name and the device password;

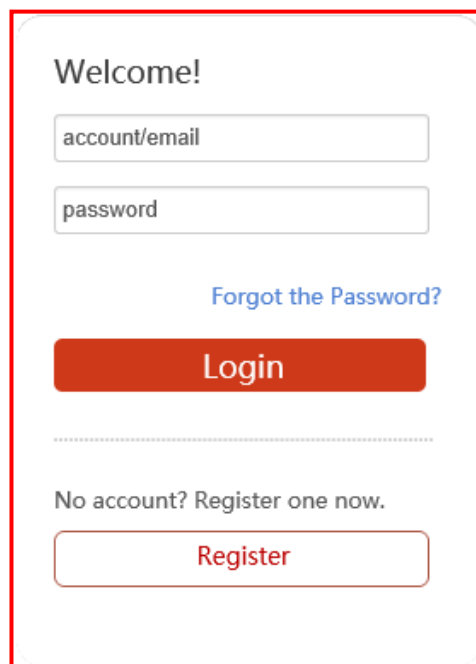(9) Tap **Finish** to finish the operation.

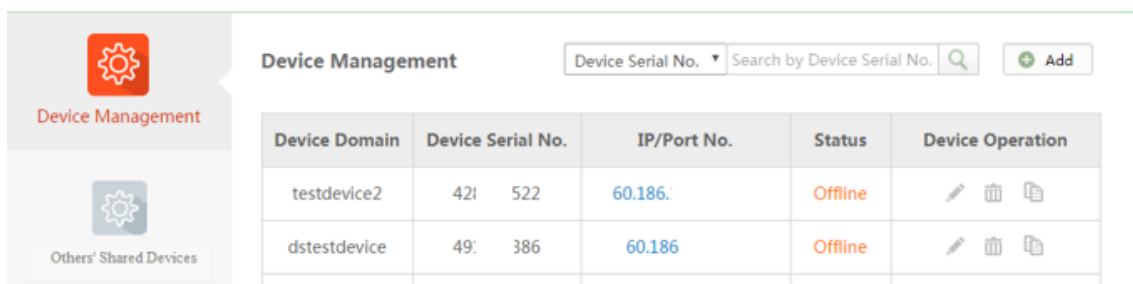**Method 2: Add devices via www.GuardingVision.com web portal**

Steps:

(1) Input www.GuardingVision.com into browser location bar;

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

(3) Go to **Device Management**；

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

(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;

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

(6) A pop-up confirms success. And the device now is editable on the **Device Management** page.
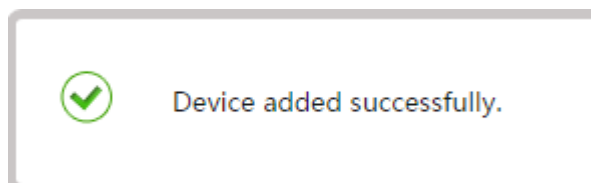
(7) Click on the **IP address** and **Port No.** of a connected device, a new window pops up to login the device. Enter the **user name** and **password** to login.

Note:

If it can't redirect to your device after clicking IP/Port No. link in www.Guarding Vision.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. Then input the correct ports number here.

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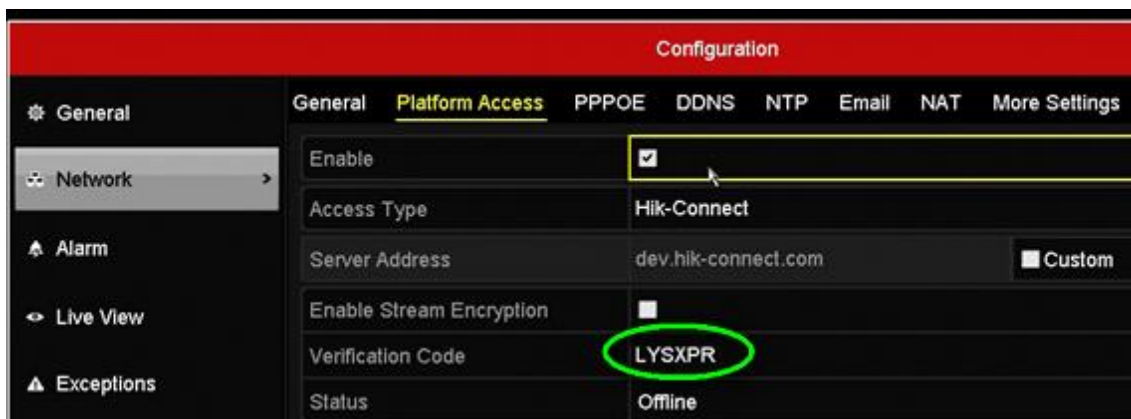
_____

Appendix:
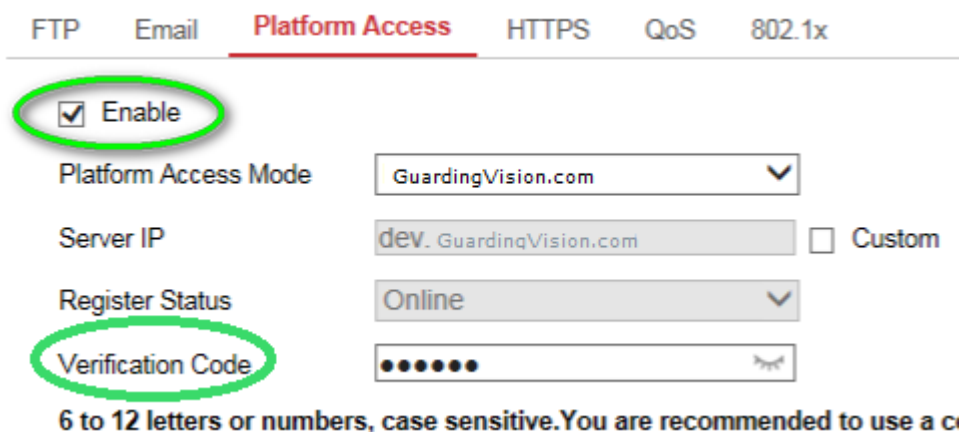
1. How to find device verification code?

(1) Try to find device verification code on the label of the device;

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

(3) Try to find the verification code in the device web configuration interface for both camera and DVR/NVR.

2. How to configure Port Forwarding?

Before You Start:

Port forwarding should only be used when the devices need to be accessed via the internet. To ensure proper security configuration, please follow below points:

1. Minimize the port numbers exposed to the internet. Port forwarding should only be configured when absolutely necessary. For example, to use web service, only port 443 should be forwarded.
2. Avoid common ports and reconfigure them to customized ports. For example, port 80 is commonly used for HTTP. User is recommended to change to a customized port on the device other than port 80 for the designated service, following TCIP/IP port rule (1 – 65535).
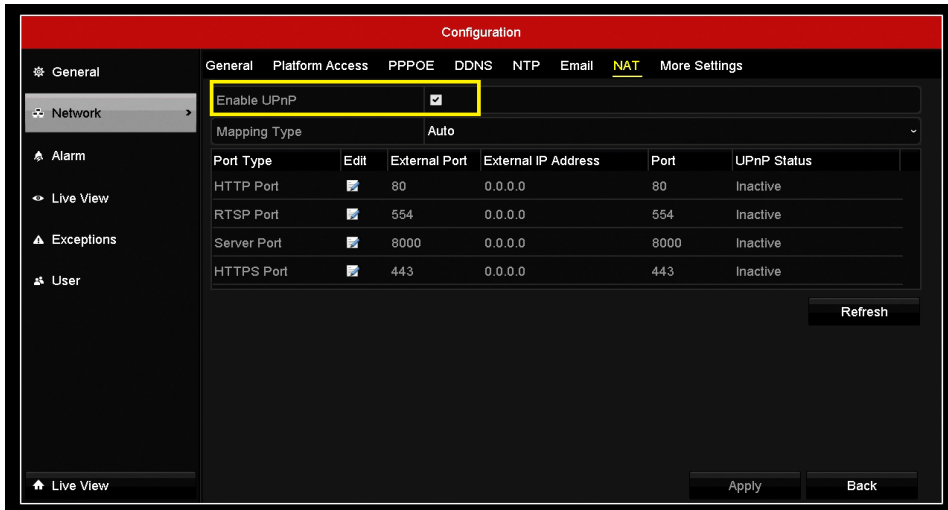
Method 1: Configure Port Forwarding via UPnP

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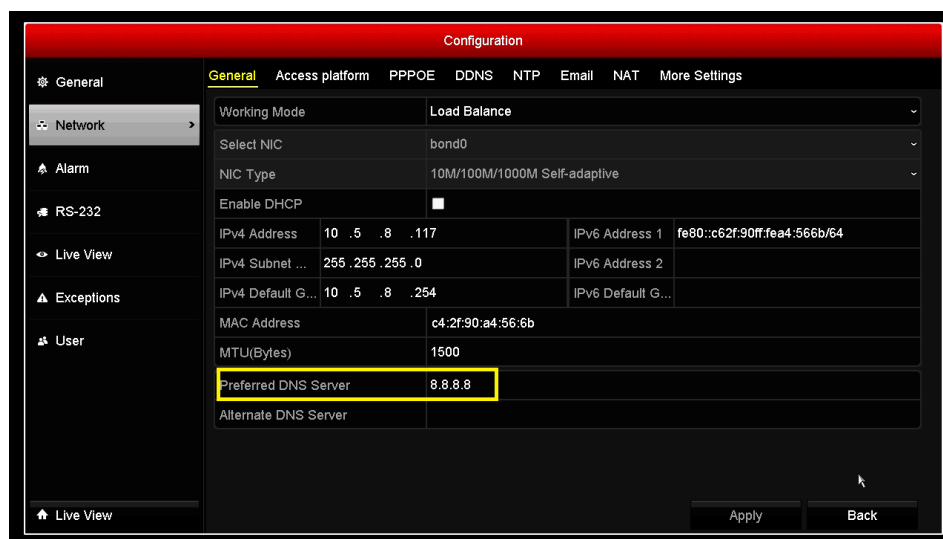
(3) Go to **Menu->Configuration->Network->NAT** to check '**Enable UPnP**';

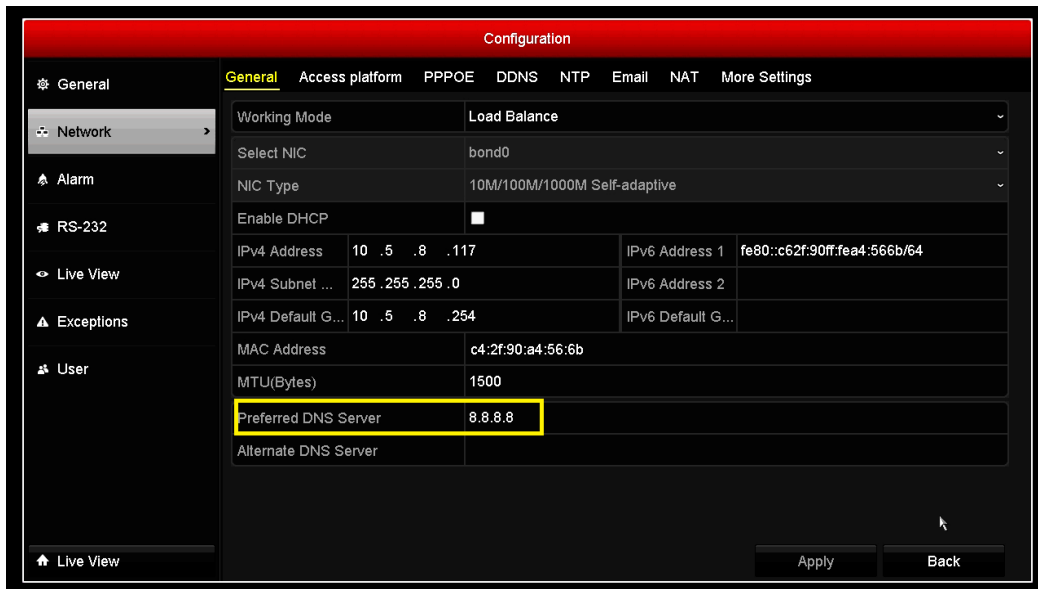(4) Login router management interface via web and enable UPnP function.

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**.
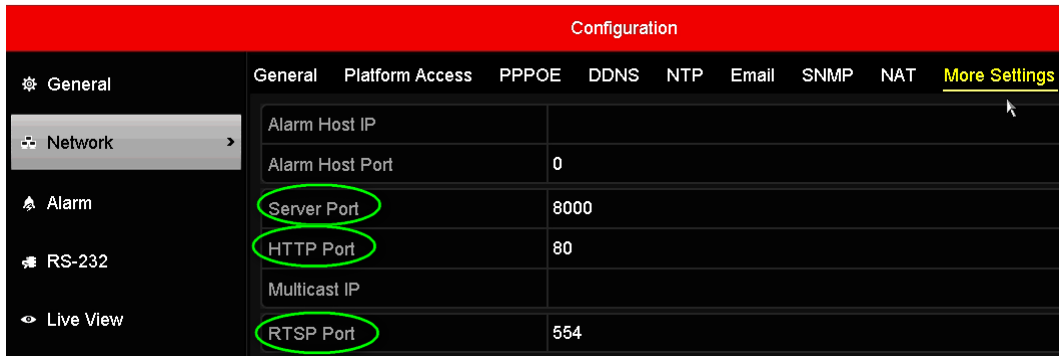
## Method 2: Configure Port Forwarding Manually

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.
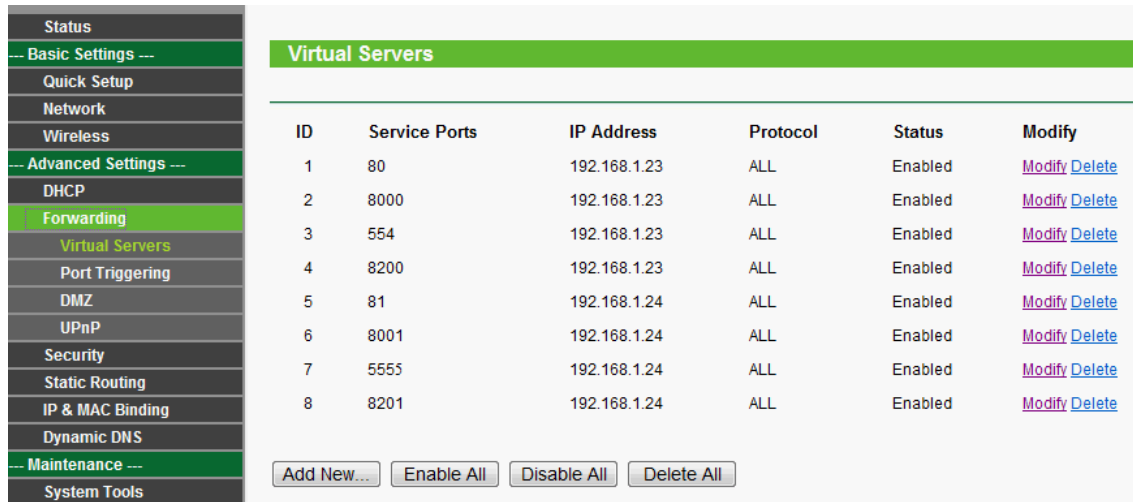
Note:

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