



# HIKVISION HIK-CONNECT

HOW TO USE PORT FORWARDING WITH HIK-CONNECT  
TO GIVE MORE STABILITY

By Dave Davies



## Step 1

The first process to complete is the port forwarding on the local router at the NVR/DVR side.

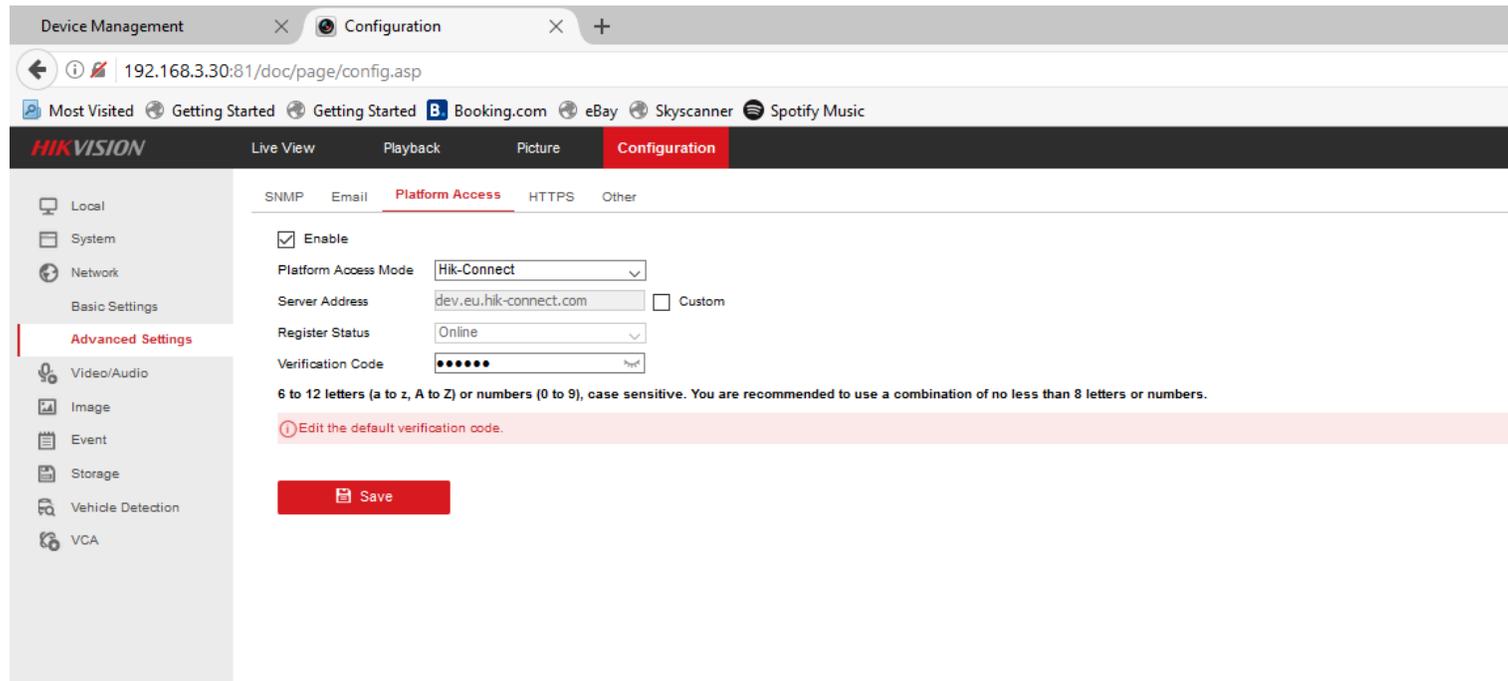
- Log into the router and port forward ports 80,8000,554 as standard.
- These can be changed if needed but use the new ports if you decide to change them.
- You can find some router specific help at <https://portforward.com/router>



## Step 2

Once the port forwarding is complete -

- Log into the DVR/NVR web address locally and enable the platform access. You can also set the verification code in this menu ready for later steps.



The screenshot displays the Hikvision Configuration web interface. The browser address bar shows the URL `192.168.3.30:81/doc/page/config.asp`. The interface includes a navigation menu on the left with options like Local, System, Network, Basic Settings, Advanced Settings, Video/Audio, Image, Event, Storage, Vehicle Detection, and VCA. The main content area is titled 'Configuration' and has sub-tabs for SNMP, Email, Platform Access, HTTPS, and Other. The 'Platform Access' tab is active, showing the following settings:

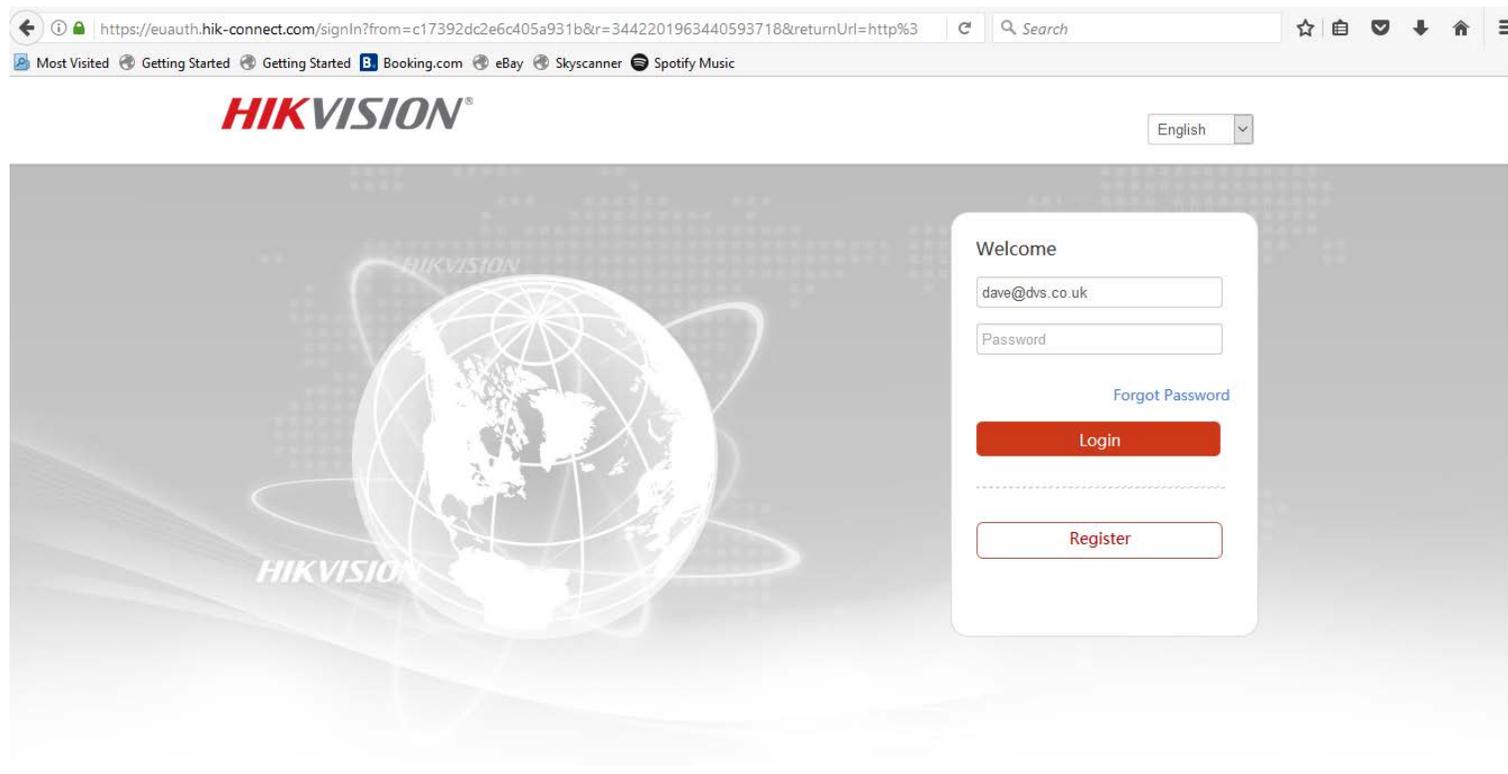
- Enable
- Platform Access Mode: `Hik-Connect` (dropdown menu)
- Server Address: `dev.eu.hik-connect.com` (input field) with a  Custom checkbox
- Register Status: `Online` (dropdown menu)
- Verification Code: `*****` (password field)

Below the fields, there is a note: "6 to 12 letters (a to z, A to Z) or numbers (0 to 9), case sensitive. You are recommended to use a combination of no less than 8 letters or numbers." A red warning box contains the text "Edit the default verification code." At the bottom of the configuration area is a red **Save** button.

### Step 3

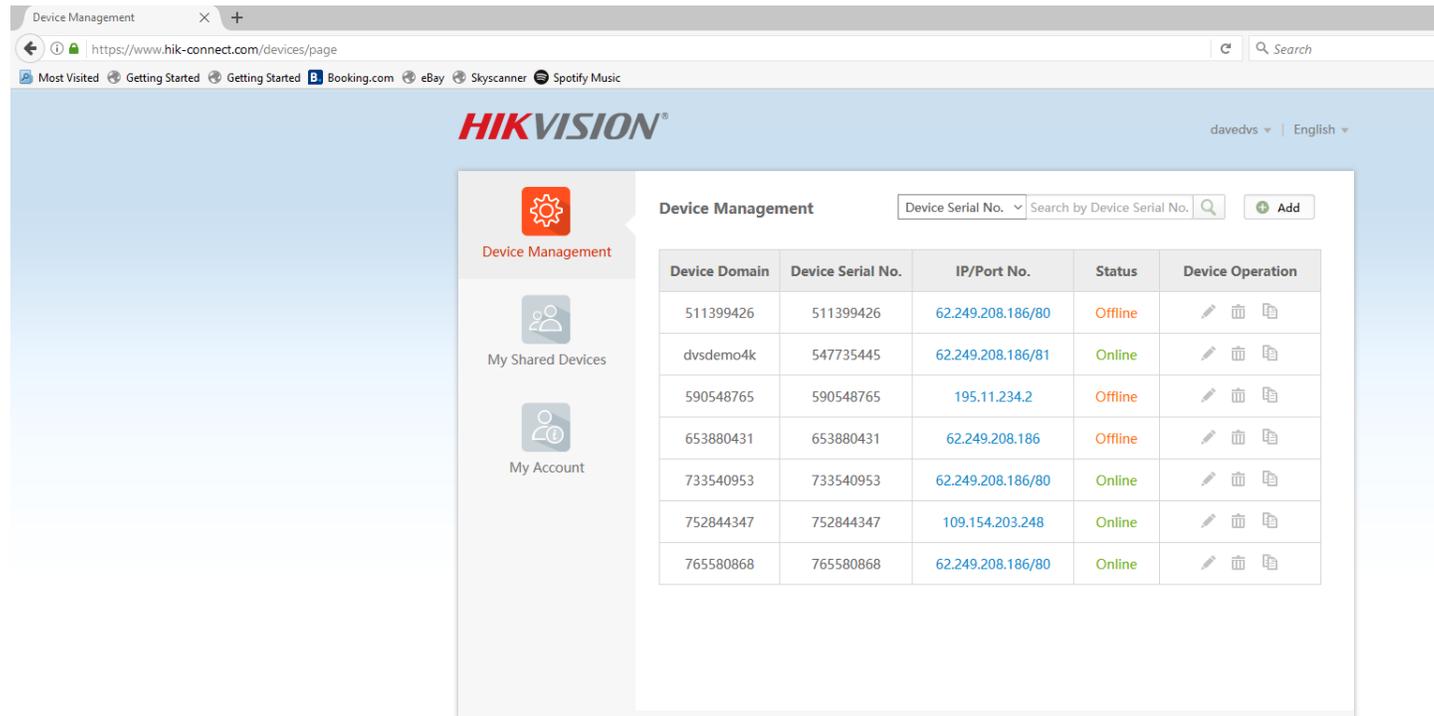
To start, log into an existing HIK-Connect account or register a new account.

- Use the link [www.hik-connect.com](http://www.hik-connect.com) where you will be able to follow the process to register an account.



## Step 4

Once you have logged into the HIK connect portal , you will see any devices added already.

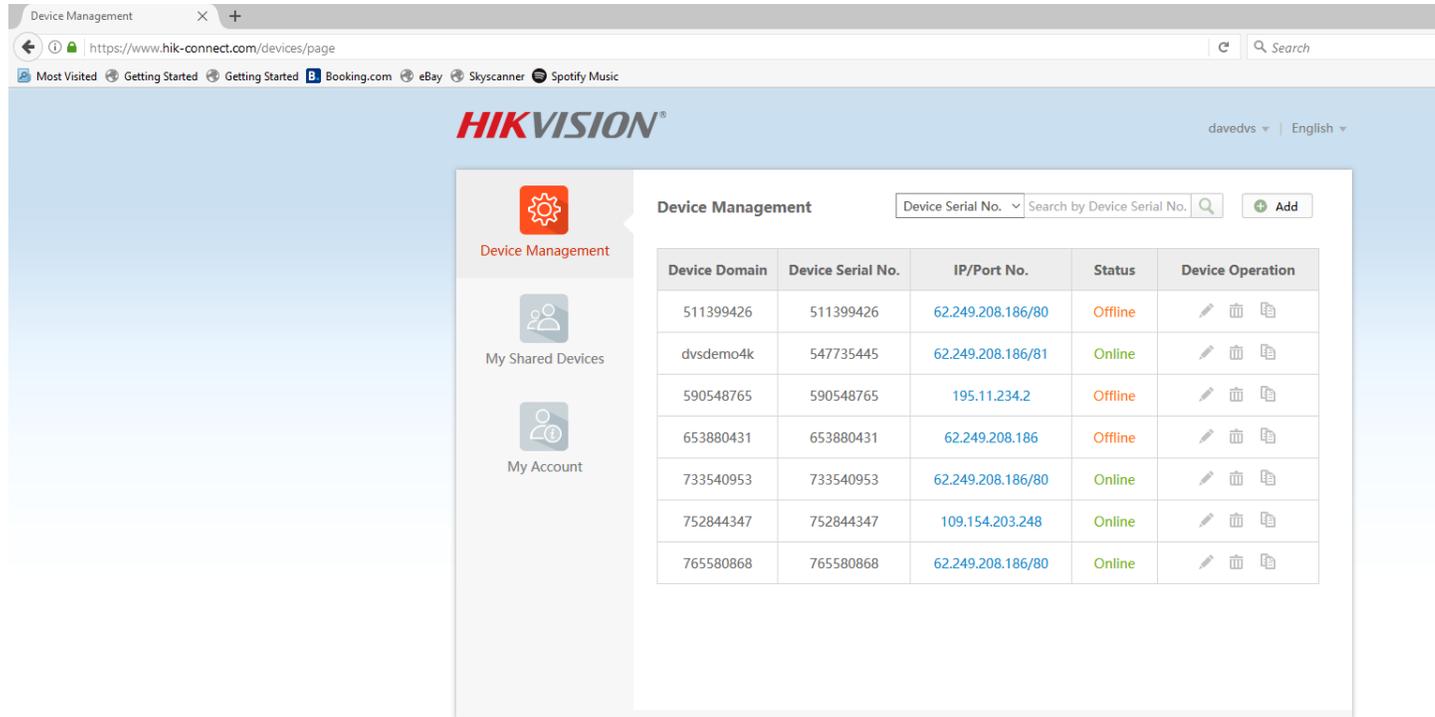


The screenshot displays the HIKVISION Device Management interface. The page title is "Device Management" and the URL is "https://www.hik-connect.com/devices/page". The interface includes a sidebar with navigation options: "Device Management" (selected), "My Shared Devices", and "My Account". The main content area shows a table of devices with the following data:

Device Domain	Device Serial No.	IP/Port No.	Status	Device Operation
511399426	511399426	62.249.208.186/80	Offline	  
dvsdemo4k	547735445	62.249.208.186/81	Online	  
590548765	590548765	195.11.234.2	Offline	  
653880431	653880431	62.249.208.186	Offline	  
733540953	733540953	62.249.208.186/80	Online	  
752844347	752844347	109.154.203.248	Online	  
765580868	765580868	62.249.208.186/80	Online	  

## Step 5

To add new device please select the  button.



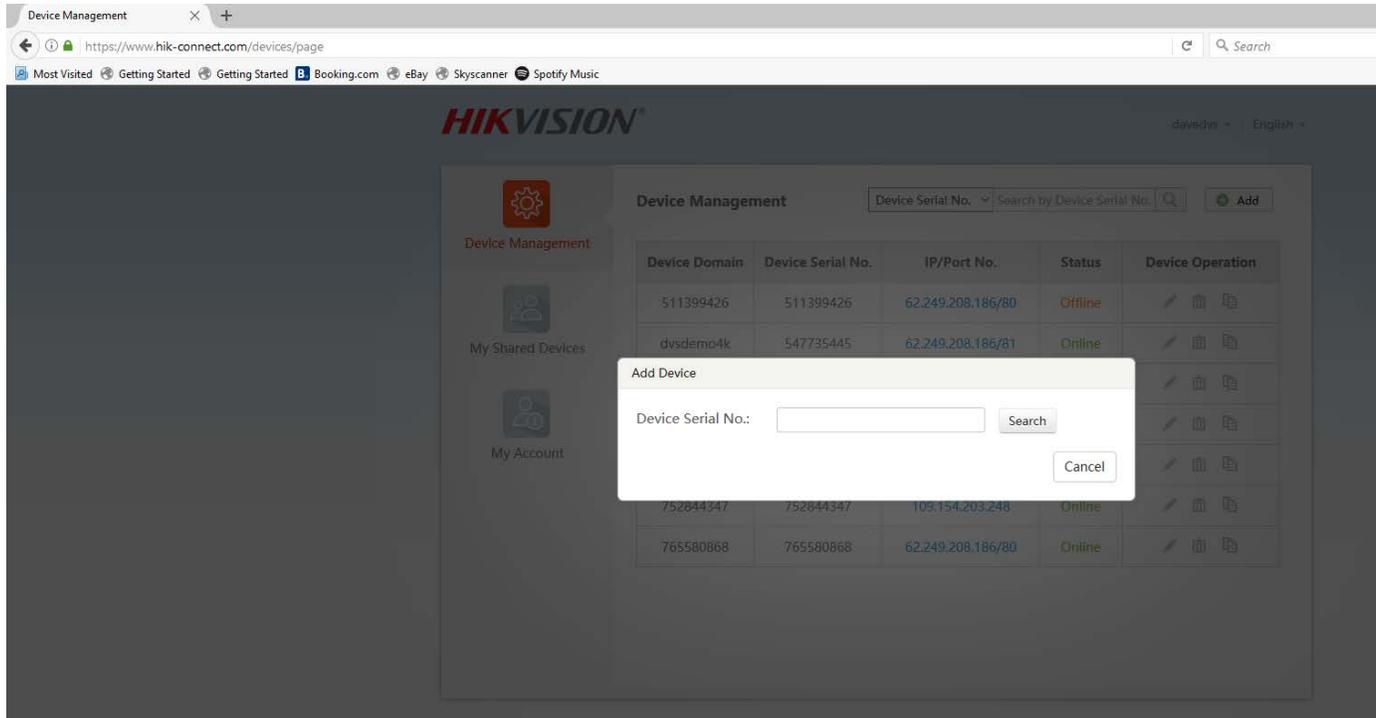
The screenshot displays the Hikvision Device Management web interface. The page title is "Device Management" and the URL is "https://www.hik-connect.com/devices/page". The interface includes a sidebar with navigation options: "Device Management" (selected), "My Shared Devices", and "My Account". The main content area shows a table of devices with the following data:

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dvsdemo4k	547735445	62.249.208.186/81	Online	  
590548765	590548765	195.11.234.2	Offline	  
653880431	653880431	62.249.208.186	Offline	  
733540953	733540953	62.249.208.186/80	Online	  
752844347	752844347	109.154.203.248	Online	  
765580868	765580868	62.249.208.186/80	Online	  

An "Add" button is located in the top right corner of the table area.

## Step 6

You will then be prompted to input a 9 digit serial code, that can be found on a sticker on the DVR/NVR or on the box it came in, then click Search.



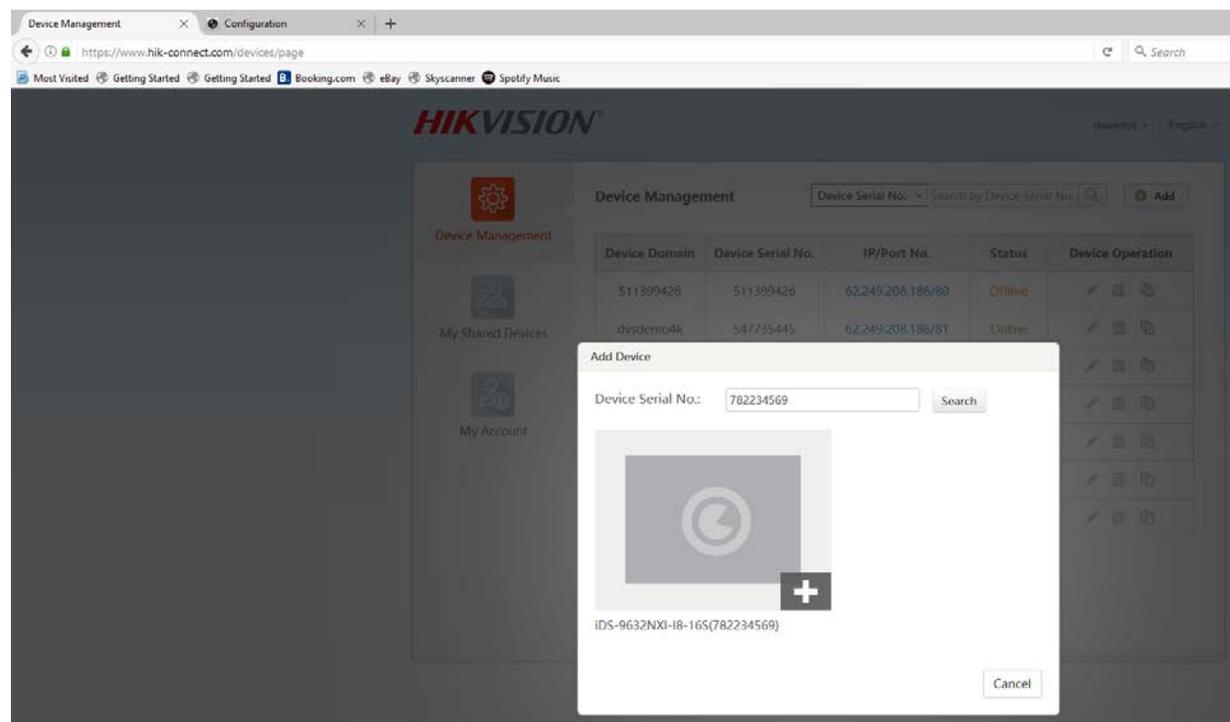
The screenshot displays the Hikvision Device Management web interface. The browser address bar shows the URL <https://www.hik-connect.com/devices/page>. The page features the Hikvision logo and a navigation menu on the left with options for Device Management, My Shared Devices, and My Account. The main content area is titled 'Device Management' and includes a search bar for 'Device Serial No.' and an 'Add' button. A table lists existing devices with columns for Device Domain, Device Serial No., IP/Port No., Status, and Device Operation. An 'Add Device' modal form is open in the foreground, containing a text input field for 'Device Serial No.', a 'Search' button, and a 'Cancel' button.

Device Domain	Device Serial No.	IP/Port No.	Status	Device Operation
511399426	511399426	62.249.208.186/80	Offline	✎ ✕ 📄
dvsdemo4k	547735445	62.249.208.186/81	Online	✎ ✕ 📄
752844347	752844347	109.154.203.248	Online	✎ ✕ 📄
765580868	765580868	62.249.208.186/80	Online	✎ ✕ 📄

## Step 7

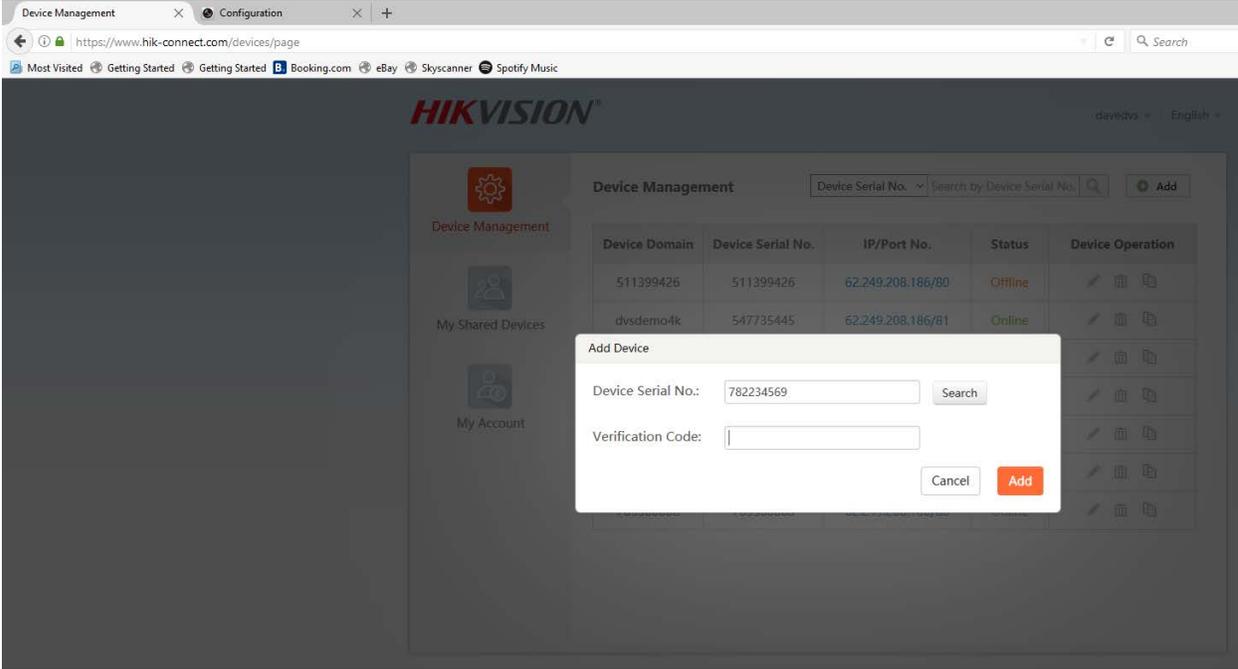
You will then see the device listed -

- Make sure the correct device is listed
- Then select the + add button to add this to your HIK connect account.



## Step 8

Now you will be prompted to set the Verification code, set in the first steps of enabling HIK connect on the DVR/NVR locally. For example ABCDEF.



The screenshot displays the HIKVISION Device Management web interface. The browser address bar shows the URL <https://www.hik-connect.com/devices/page>. The page features a sidebar with navigation options: Device Management (selected), My Shared Devices, and My Account. The main content area is titled 'Device Management' and includes a search bar and an 'Add' button. Below this is a table listing devices:

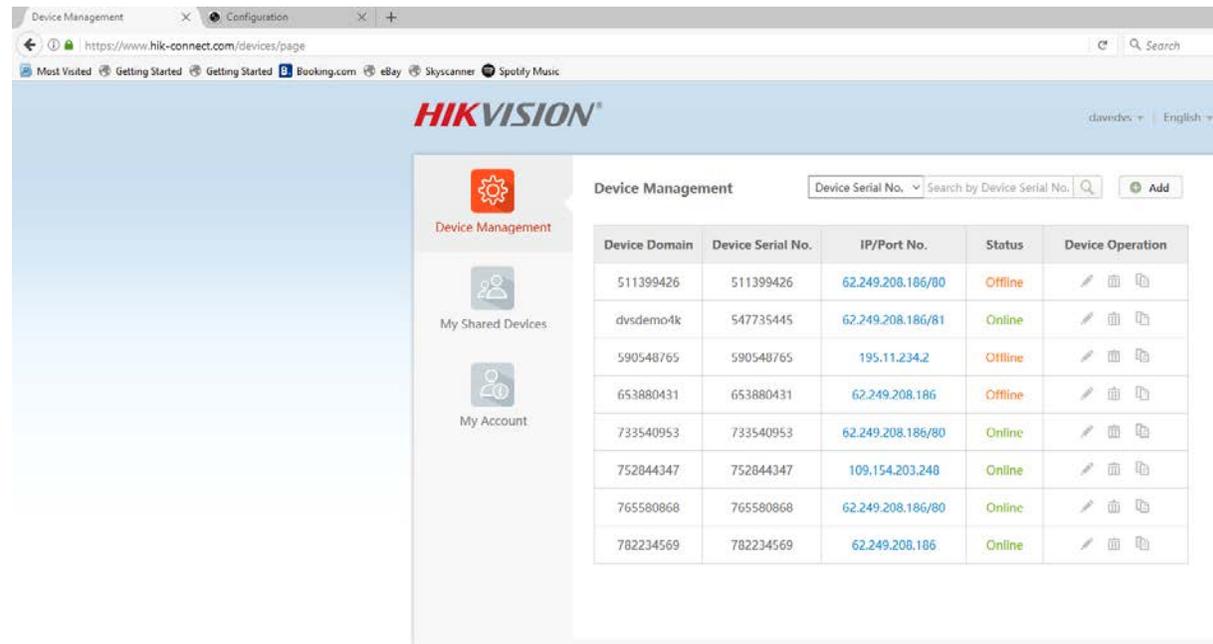
Device Domain	Device Serial No.	IP/Port No.	Status	Device Operation
511399426	511399426	62.249.208.186/80	Offline	[Edit] [Delete] [Refresh]
dvsdemo4k	547735445	62.249.208.186/81	Online	[Edit] [Delete] [Refresh]

An 'Add Device' modal form is overlaid on the table, containing the following fields and buttons:

- Device Serial No.:  Search
- Verification Code:
- Buttons: Cancel, Add

## Step 9

Once the verification code has been applied and you have selected the ADD option, you will then see the device in the list



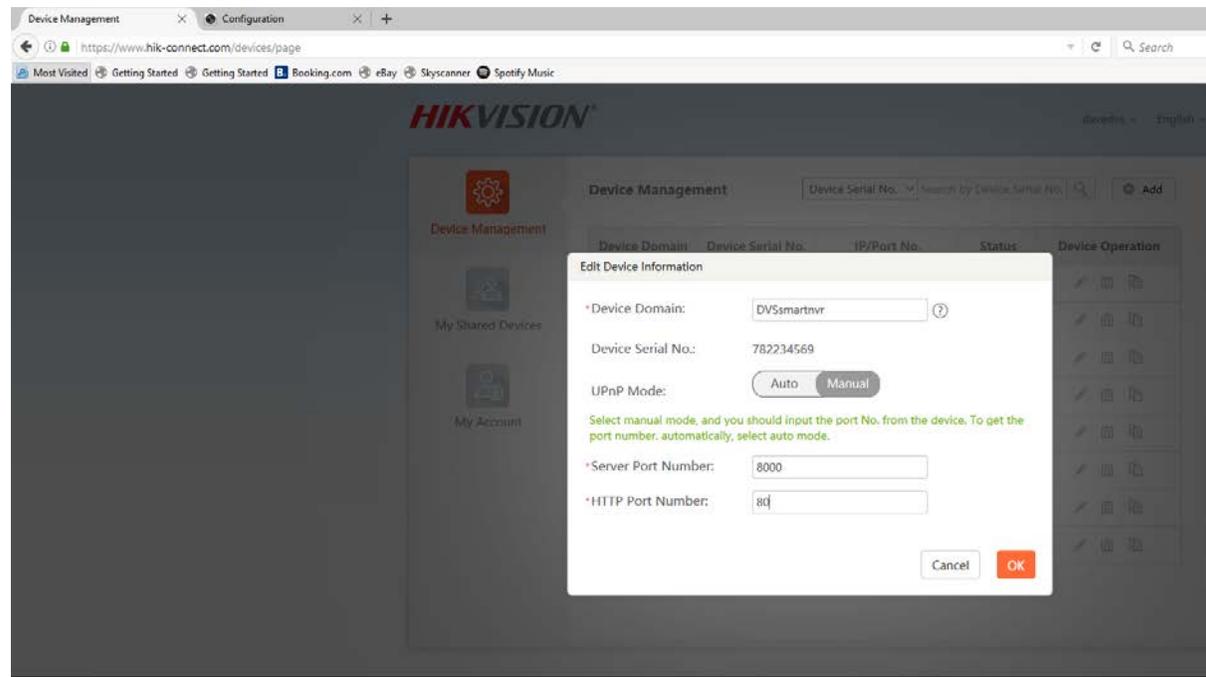
The screenshot displays the Hikvision Device Management web interface. The page title is "Device Management" and the URL is "https://www.hik-connect.com/devices/page". The interface includes a sidebar with navigation options: "Device Management" (selected), "My Shared Devices", and "My Account". The main content area shows a table of devices with columns for Device Domain, Device Serial No., IP/Port No., Status, and Device Operation. A search bar and an "Add" button are located above the table.

Device Domain	Device Serial No.	IP/Port No.	Status	Device Operation
511399426	511399426	62.249.208.186/80	Offline	  
dvsdemo4k	547735445	62.249.208.186/81	Online	  
590548765	590548765	195.11.234.2	Offline	  
653880431	653880431	62.249.208.186	Offline	  
733540953	733540953	62.249.208.186/80	Online	  
752844347	752844347	109.154.203.248	Online	  
765580868	765580868	62.249.208.186/80	Online	  
782234569	782234569	62.249.208.186	Online	  

## Step 10

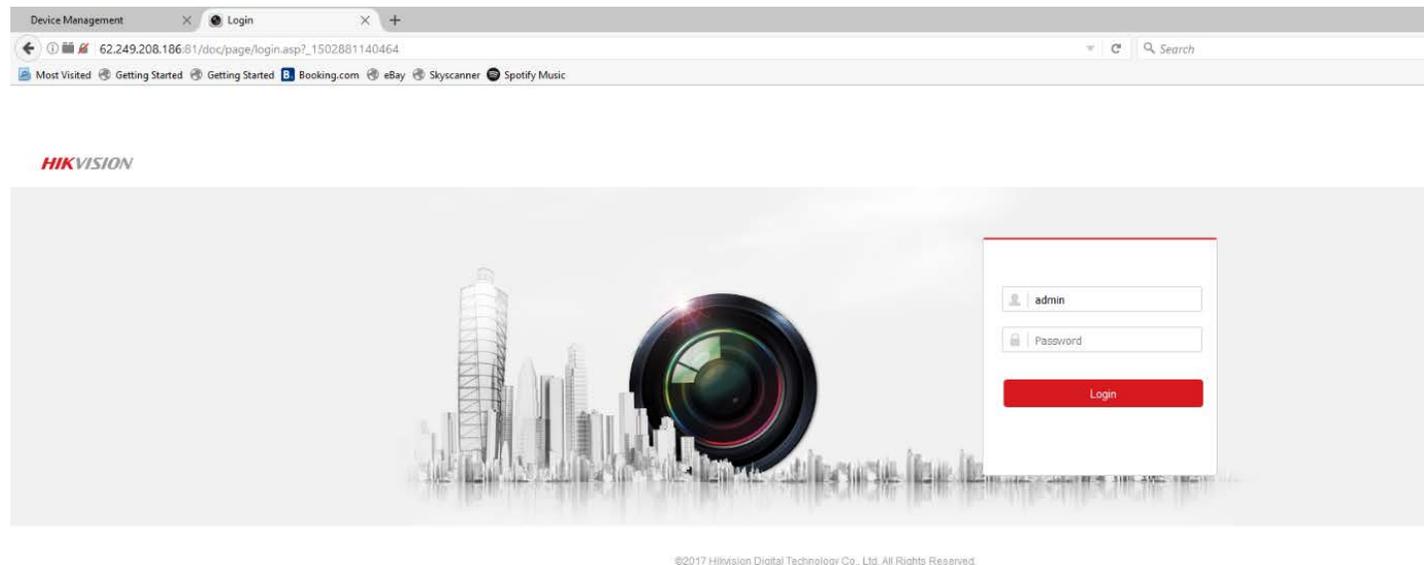
In the Edit screen you will be able to set the domain name, we have used DVSmartnvr. It will only let you save this if it hasn't been used by someone else.

- Select MANUAL for the UPnP option and set the ports to 8000 for the server and 80 for the HTTP, unless changed then click ok.



## Step 11

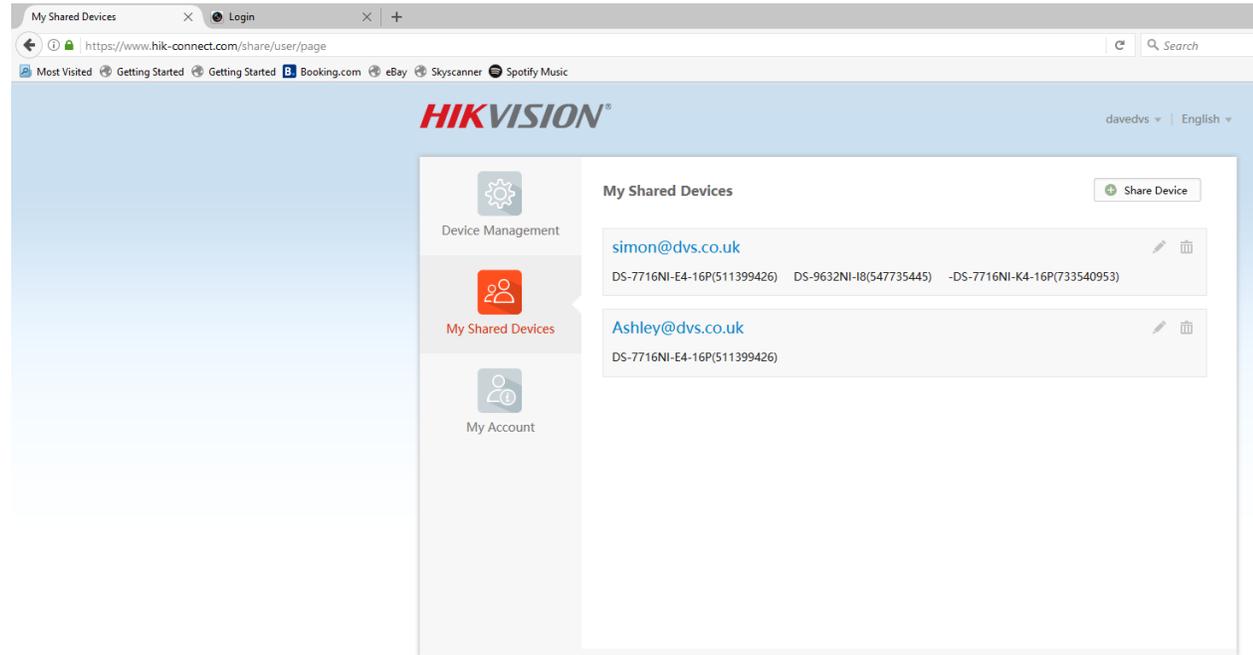
You will see this has now saved the domain name, and you can now use [www.hik-connect.com/DVSsmartnvr](http://www.hik-connect.com/DVSsmartnvr) for instance from a web browser to access the Device.



## Step 12

You can now also share devices with other users, they will have reduced functionality but have access to the device.

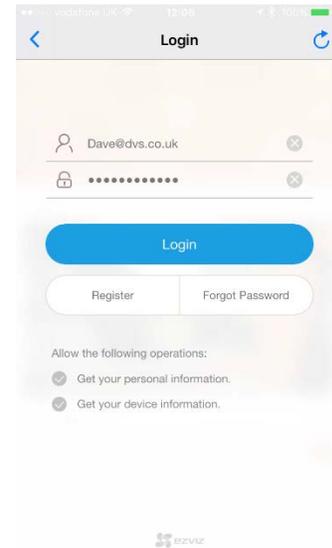
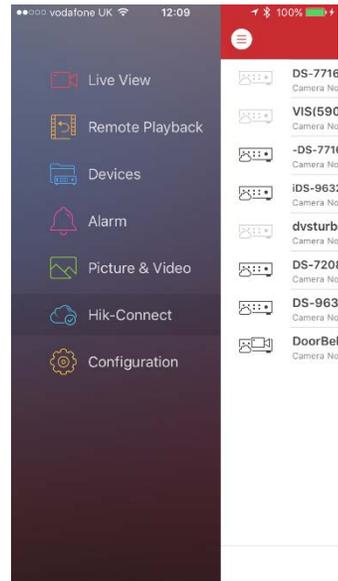
- To allow this function, click on shared devices and select share device.



## Step 13

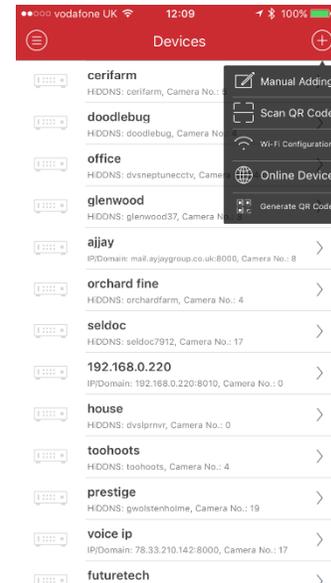
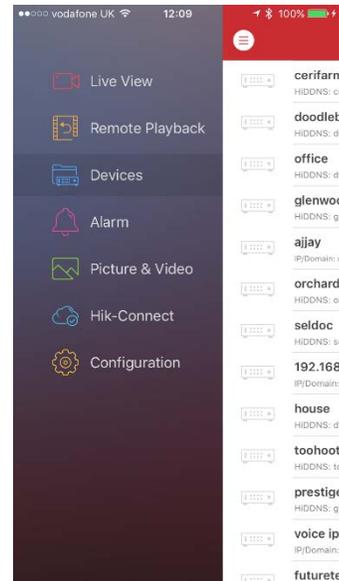
If you choose to use the IVMS 4500 app instead of the HIK-connect app, open the IVMS 4500. Then from the main menu-

- Select the HIK-connect option
- Log into the HIK-connect account with the devices added, you will then see the HIK-connect account logged in.



## Step 14

To add a device as the domain name to speed up the images, select devices from the main menu, then select the + add symbol and manual adding option.



## Step 15

From this menu you will see the new device tab, give the unit a new Alias and make sure the register mode is set to Hik-connect domain. When you select the device domain line you will be given the list of device(s) to select. Select the appropriate device and its username and password of the device and click the save symbol. You are now setup.

