



Hikvision Camera Port Mapping User Guide



You have two options to do Port Mapping:

Option 1: Do Port Mapping manually

Step 1: Please go to Configuration → Advanced Configuration → Network → UPnP, Click 'Enable Port Mapping', see as following screenshot.

There're 3 ports that you need to map on router: HTTP (80), RTSP (554), SDK (8000) by default. You can change the port by clicking on the port then you can change it, it is sometimes to avoid port conflict.

The screenshot shows the HIKVISION DS-2CD764FWD-EIZ web interface. The top navigation bar includes 'Live View', 'Playback', 'Log', and 'Configuration' (which is selected). The left sidebar shows 'Local Configuration', 'Basic Configuration', and 'Advanced Configuration' (selected). Under 'Advanced Configuration', 'Network' is selected. The main content area shows the 'UPnP™' tab. The 'Enable UPnP™' checkbox is checked. The 'Friendly Name' is 'HIKVISION DS-2CD764FWD-EIZ - 4'. The 'Port Mapping' section has 'Enable Port Mapping' checked and 'Port Mapping Mode' set to 'Manual'. A table lists the default ports and their status:

	Protocol Name	External Port	Status
<input checked="" type="checkbox"/>	HTTP	80	Not Valid
<input checked="" type="checkbox"/>	RTSP	554	Not Valid
<input checked="" type="checkbox"/>	SDK	8000	Not Valid

A 'Save' button is located at the bottom right of the configuration area.

Step 2: After configuration on camera, then you need to do port mapping on the routers. (different routers have different menu, so please according to your router guide when do port mapping on router).

- Status
- Quick Setup
- Basic Settings ---
- + Network
- + Wireless
- Advanced Settings ---
- + DHCP
- Forwarding
 - Virtual Servers
 - Port Triggering
 - DMZ
 - UPnP
- + Security
 - Static Routing
 - Dynamic DNS
- Maintenance ---
- + System Tools

Virtual Servers

ID	Service Port	IP Address	Protocol	Enable
1	80	192.168.10.23	ALL	<input checked="" type="checkbox"/>
2	8000	192.168.10.23	ALL	<input checked="" type="checkbox"/>
3	554	192.168.10.23	ALL	<input checked="" type="checkbox"/>
4		192.168.10.	ALL	<input type="checkbox"/>
5		192.168.10.	ALL	<input type="checkbox"/>
6		192.168.10.	ALL	<input type="checkbox"/>
7		192.168.10.	ALL	<input type="checkbox"/>
8		192.168.10.	ALL	<input type="checkbox"/>

Common Service Port: DNS(53) Copy to ID 1

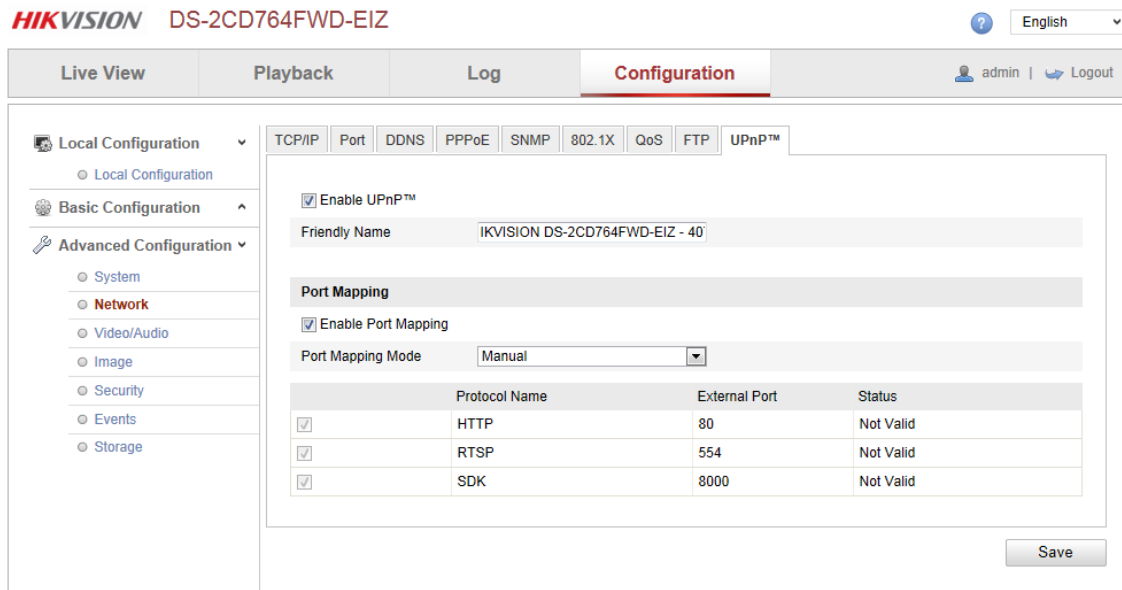
Previous Next Clear All Save

Then it is finished port mapping manually!

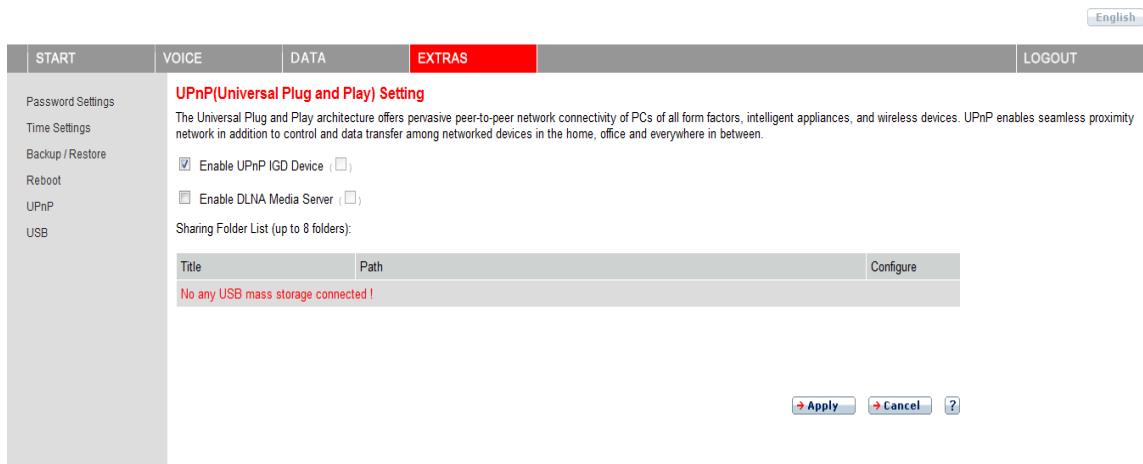
Option 2: Do port mapping by UPnP

(Please do remember that it requires router supporting UPnP as well in this option)

Step 1: Please go to Configuration → Advanced Configuration → Network → UPnP, Click 'Enable UPnP' and 'Enable Port Mapping' both, see as following screenshot.
 You can change the ports as well if you choose 'Manual' in Port Mapping Mode.



Step 2: After you finish operation on camera, then please go to router and Enable UPnP function. Please see following screenshot:



Then it is finished Port Mapping by UPnP.