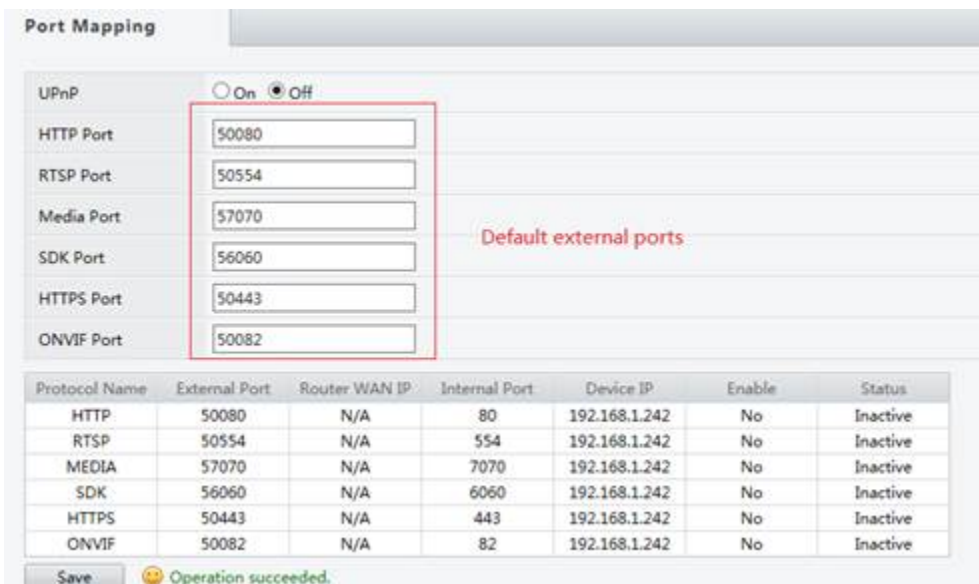


Setting Ports on the Integrator Series NVR

If you choose not to utilize UPnP to help in bypassing creating port forwarding rules on your firewall/router, you will need to verify the port settings on your NVR. This will allow you to properly configure your firewall/router rules with the correct settings.

Within the configuration of your Integrator Series NVR, go to the Settings > Network > Port Mapping page. You should see a page similar to the following:




Port Mapping

UPnP On Off

HTTP Port: 50080
RTSP Port: 50554
Media Port: 57070
SDK Port: 56060
HTTPS Port: 50443
ONVIF Port: 50082

Default external ports

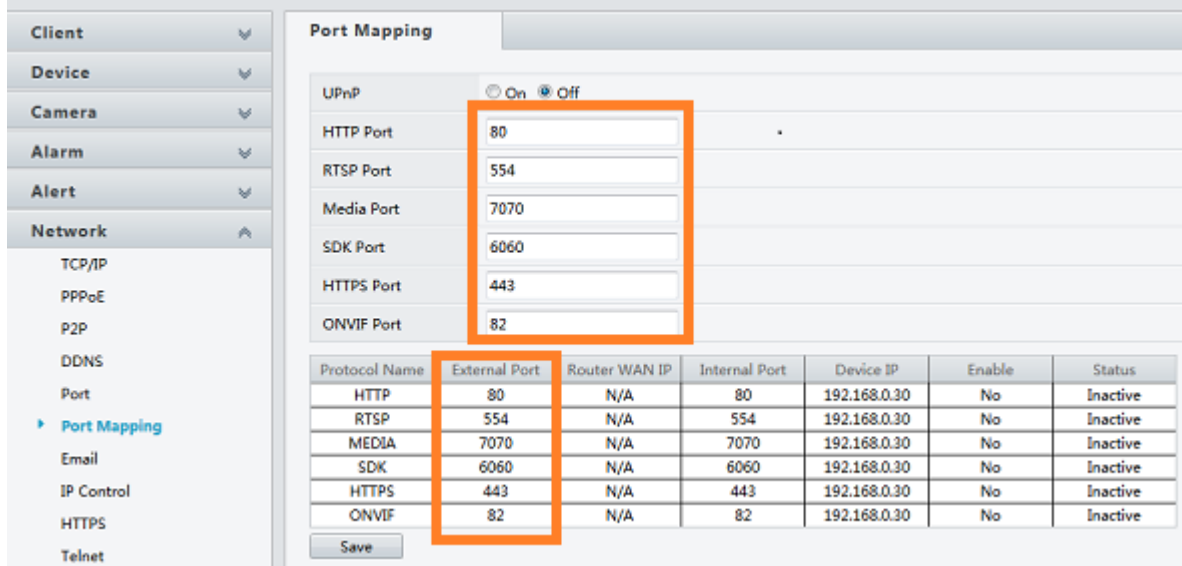
Protocol Name	External Port	Router WAN IP	Internal Port	Device IP	Enable	Status
HTTP	50080	N/A	80	192.168.1.242	No	Inactive
RTSP	50554	N/A	554	192.168.1.242	No	Inactive
MEDIA	57070	N/A	7070	192.168.1.242	No	Inactive
SDK	56060	N/A	6060	192.168.1.242	No	Inactive
HTTPS	50443	N/A	443	192.168.1.242	No	Inactive
ONVIF	50082	N/A	82	192.168.1.242	No	Inactive

Save  Operation succeeded.

To properly configure the ports that the NVR listens on, you should take the following steps:

1. Ensure that UPnP has been set to Off
2. Subtract 50000 from each of the entries listed on this page.
3. Press Save (or Apply if working directly on the NVR).

Your settings should now appear as the following:



Protocol Name	External Port	Router WAN IP	Internal Port	Device IP	Enable	Status
HTTP	80	N/A	80	192.168.0.30	No	Inactive
RTSP	554	N/A	554	192.168.0.30	No	Inactive
MEDIA	7070	N/A	7070	192.168.0.30	No	Inactive
SDK	6060	N/A	6060	192.168.0.30	No	Inactive
HTTPS	443	N/A	443	192.168.0.30	No	Inactive
ONVIF	82	N/A	82	192.168.0.30	No	Inactive

Once your port settings have been saved you may configure the port forwarding rules on your firewall/router. The necessary ports to configure forwarding rules for include:

1. TCP Port 80 – Allows for HTTP communication with the NVR/IP Camera
2. TCP Port 6060 – Allows the Plug-ins to communicate with the NVR/IP Camera
3. TCP Port 7070 – Used for pulling video from the NVR/IP Camera