

EVOIP

Niveo Switch Configuration Single Switch Applications

The EVO-IP HDMI over IP System has been tested and confirmed to work with Niveo NRS24TP switches. Below are screenshots showing the configuration needed to get the system up and running.

Single Switch Configuration:

1. Enable IGMP Snooping by going to: Configuration->IPMC->IGMP Snooping->Basic Configuration. Save the setting once finished.
2. Disable Unregistered IPMCv4 Flooding
3. Enable Fast Leave on all ports

The screenshot displays the Niveo NRS24TP switch configuration interface. The top header shows the Niveo logo and the model number NRS24TP. The left sidebar contains a navigation menu with categories like Configuration, System, Green Ethernet, Ports, CFM, ERPS, MRP, DHCPv4, DHCPv6, Security, Aggregation, Link OAM, Loop Protection, Spanning Tree, IPMC Profile, MVR, IPMC, IGMP Snooping, Basic Configuration, VLAN Configuration, Port Filtering Profile, MLD Snooping, LLD, PoE, MAC Table, VLANs, VLAN Translation, Private VLANs, VCL, Voice VLAN, QoS, Mirroring, UPnP, PTP, MRP, GVRP, sFlow, DDM, UDLD, Monitor, Diagnostics, and Maintenance.

The main content area is titled "IGMP Snooping Configuration" and is divided into two sections: "Global Configuration" and "Port Related Configuration".

Global Configuration:

Snooping Enabled	<input checked="" type="checkbox"/>
Unregistered IPMCv4 Flooding Enabled	<input type="checkbox"/>
IGMP SSM Range	232.0.0.0 / 8
Leave Proxy Enabled	<input type="checkbox"/>
Proxy Enabled	<input type="checkbox"/>

Port Related Configuration:

Port	Router Port	Fast Leave	Throttling
*	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<>
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited

4. Next Add and enable an IGMP Snooping VLAN Configuration by going to Configuration->IPMC->IGMP Snooping->VLAN Configuration.

- Click on **Add New IGMP VLAN**
- Provide **VLAN ID** (Shown below as **1**) and check **Snooping Enabled**
- Save the setting once finished.

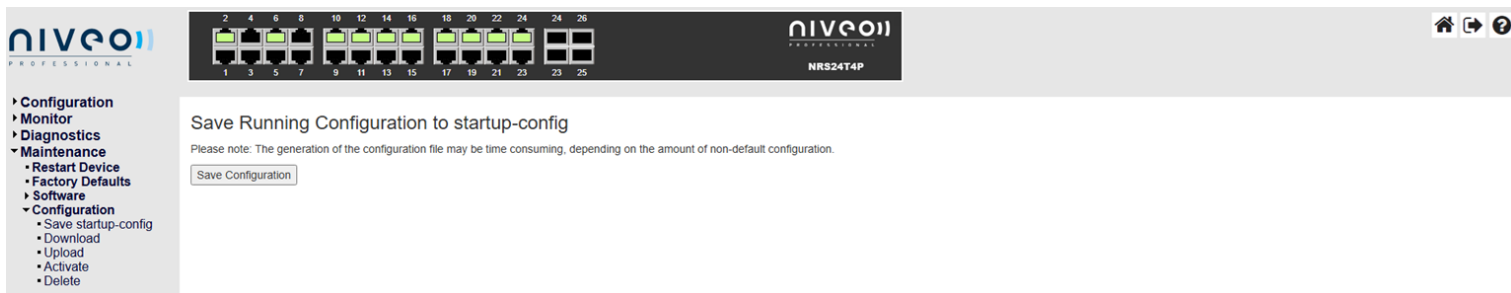


The screenshot shows the Niveoii Professional web interface for an NRS24T4P switch. The left sidebar contains a navigation menu with categories like Configuration, Monitor, Diagnostics, and Maintenance. The main content area is titled "IGMP Snooping VLAN Configuration" and includes a table with the following data:

VLAN ID	Snooping Enabled	Querier Election	Querier Address	Compatibility	PRI	RV	QI (sec)	QRI (0.1 sec)	LLQI (0.1 sec)	URI (sec)
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.0.0.0	IGMP.Auto	0	2	125	100	10	1

Buttons for "Save" and "Reset" are visible below the table.

5. To make sure you switch settings are saved and come up after power is cycles, go to **Maintenance->Configuration-> Save Startup Config**, then click on **Save Configuration**.



The screenshot shows the "Save Running Configuration to startup-config" page in the Niveoii Professional web interface. A note states: "Please note: The generation of the configuration file may be time consuming, depending on the amount of non-default configuration." A "Save Configuration" button is present.