

# Cisco/Linksys SRW224G4P Configuration for use with myMix

Download switch firmware 1.3.1 here:

<http://tools.cisco.com/support/downloads/pub/ImageList.x?relVer=1.3.1&mdfid=282414072&sftType=WebView+Managed+Switch+Firmware&optPlat=&nodecount=2&edesignator=null&modelName=Cisco+SRW224G4P+24-port+10%2F100+%2B+4-port+Gigabit+Switch+-+WebView%2FPoE&treeMdfid=268438038&treeName=Switches&modifmdfid=null&imname=&hybrid=Y&imst=N&lr=Y>

Turn off your wireless adapter. Change your computer's IP address to 192.168.1.1

Connect the switch to computer with a network cable. Open your web browser and type in the following address - <http://192.168.1.254>

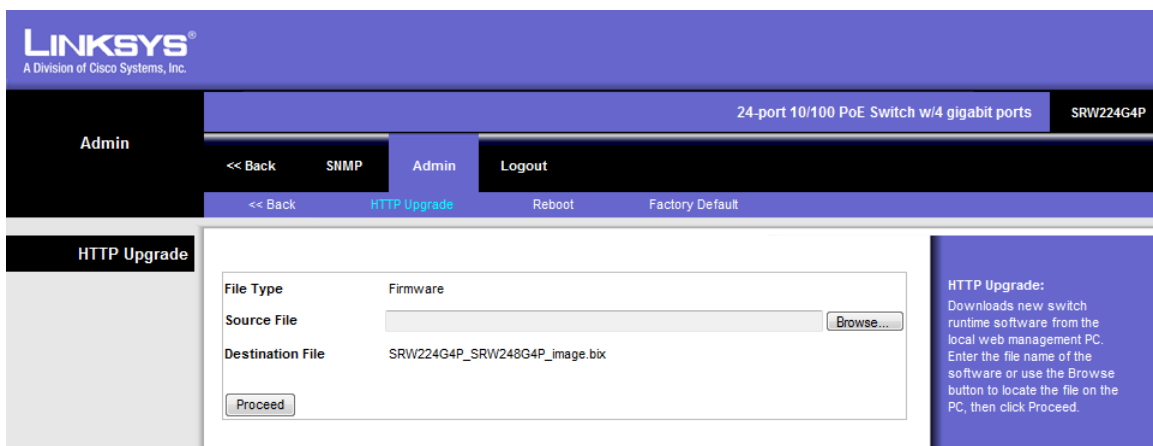


Type in User Name and Password, then click OK.

Username

Password

Login with username **admin** leaving the password field blank



More → Admin → More → More → HTTP Upgrade → Source File → Browse for downloaded firmware file → Proceed → More → Admin → More → More → Reboot

**LINKSYS**  
A Division of Cisco Systems, Inc.

24-port 10/100 PoE Switch w/4 gigabit ports SRW224G4P

**VLAN Management**

Setup Port Management **VLAN Management** Statistics ACL Security QoS Spanning Tree Multicast More >>

Create VLAN Port Settings Ports to VLAN VLAN to Ports GVRP

**Create VLAN**

Single Vlan

VLAN ID (1-4094)

VLAN Name

---

VLAN Range

VLAN Range  -

VLAN ID	VLAN Name	Type
1	DefaultVlan	Static

**VLAN Management**  
The switch supports up to 256 VLANs based on the IEEE 802.1Q standard. Before enabling VLANs for the switch, you must first assign each port to the VLAN group (s) in which it will participate. By default all ports are assigned to VLAN 1 as untagged ports. Add a port as a tagged port if you want it to carry traffic for one or more VLANs, and any intermediate network devices or the host at the other end of the connection supports VLANs.

More...

**Create VLAN:**  
Enables you to create a single VLAN or a range of VLANs. To create a VLAN, enter the VLAN ID and VLAN name, and click Add. To remove a VLAN, select it from the VLAN list, then click Remove.

VLAN Management → Create VLAN → VLAN ID = 2 → VLAN Name = myMix → Add

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Create VLAN Port Settings **Ports to VLAN** VLAN to Ports GVRP

**Ports to VLAN**

Select VLAN 2, myMix, Static

Eth	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trunk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
General	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Excluded	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Untagged	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tagged	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Switch Port Mode**

**Membership**

**Switch Port Mode**

**Membership**

Gigabit 1 2 3 4

Access	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trunk	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
General	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Excluded	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Untagged	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tagged	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

**Ports to VLAN:**  
Configures VLAN port members for the selected VLAN index. Set the mode to General to indicate that the port belongs to one or more VLANs. Set it to Access if the port belongs to a single untagged VLAN. Set it to Trunk to indicate that the port belongs to VLANs in which all ports are tagged (except for an optional single native VLAN). Assign ports as tagged if they are connected to 802.1Q VLAN compliant devices, or untagged they are not connected to any VLAN-aware devices.

VLAN Management → Ports to VLAN → Select VLAN = 2, myMix, Static → Eth Ports 1-24 = General → Eth ports 1-24 = Tagged → Gigabit ports 1-4 = Trunk → Gigabit ports 1-4 = Tagged → Save Settings

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**Multicast**

Setup Port Management VLAN Management Statistics ACL Security QoS Spanning Tree **Multicast** More >>

Global Settings Static Member Ports Static Router Ports Member Ports Query Router Ports Query

**Global Settings**

IGMP Version (1, 2, 3) 2

IGMP Snooping Status  Enabled

MRouter Timeout (300-500) 300 seconds

**IGMP Query**

IGMP Querier Status  Enabled

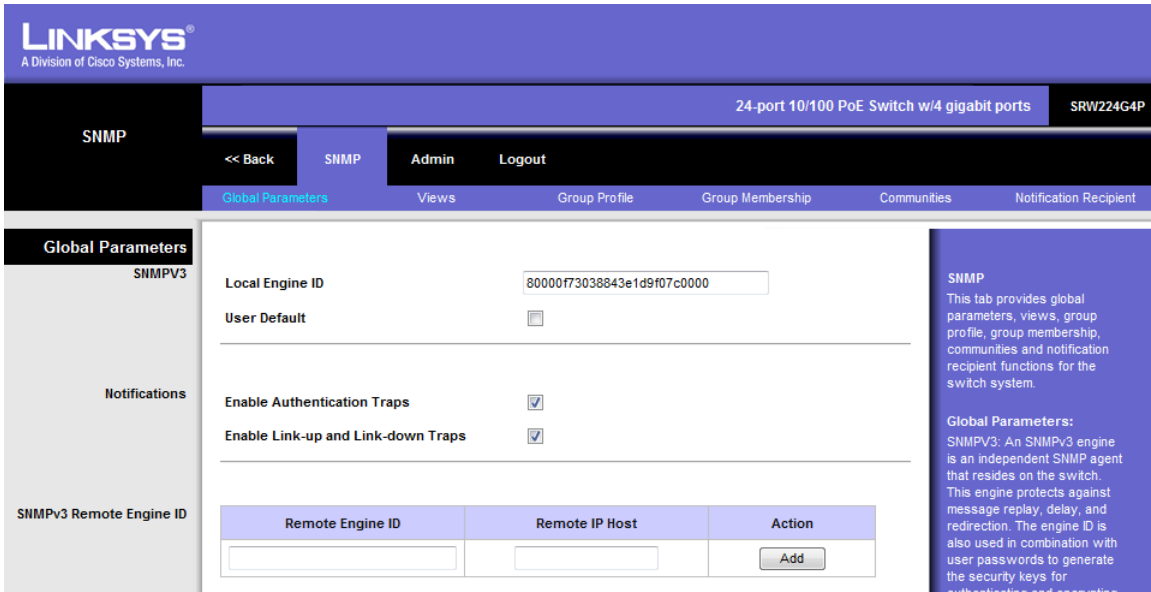
Query Count (2-10) 2

Query Interval (60-125) 125 seconds

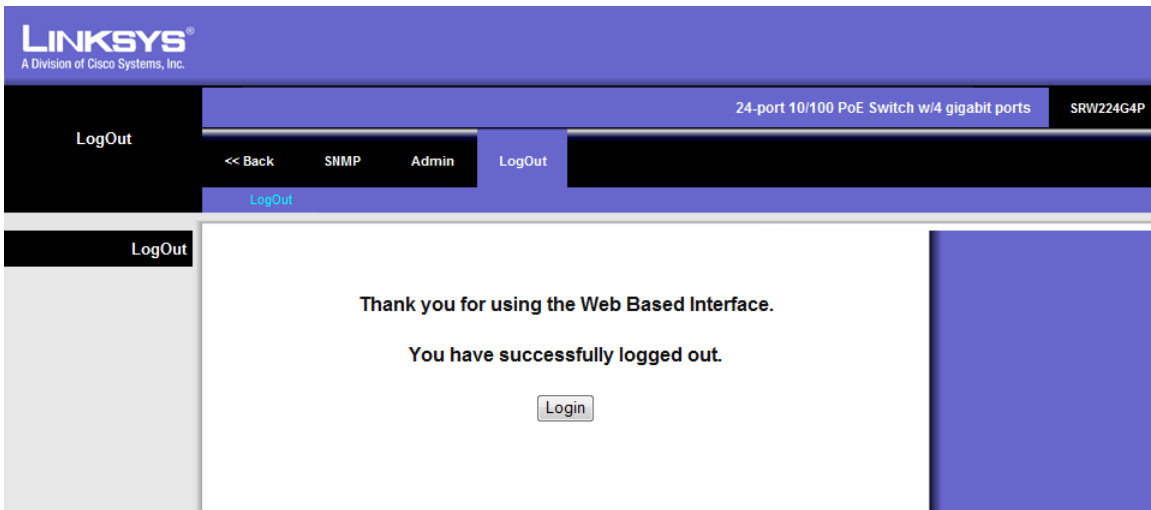
Maximum Response Time (5-25) 10 seconds

**Multicast**  
The Internet Group Management Protocol (IGMP) runs between hosts and their immediately adjacent multicast router/switch. IGMP is a multicast host registration protocol that allows any host to inform its local router that it wants to receive transmissions addressed to a specific multicast group.  
More...  
Global Settings:

Multicast → Global Settings → IGMP Version = 2 → IGMP Snooping Status = Enabled → IGMP Querier = Enabled → Save Settings



After you Save Settings, the SNMP screen may come up. Make sure Enable Authentication Traps and Enable Link-up and Link-down Traps are checked → Save Settings



Logout, and you are done!

Note: If you plan on using the included myMix power supply with a myMix connected to one of the switch POE ports, it is recommended that you disable POE on that port.