

SWITCH 4008GT Quick Installation Guide

Overview

This Installation Guide will describe the interface and uses of the web interface and walk you through the initial set-up of the Lite-Managed Ethernet switches. This web interface is SALZ Automation's management platform of the Lite-Managed Surveillance and Industrial Ethernet switches.

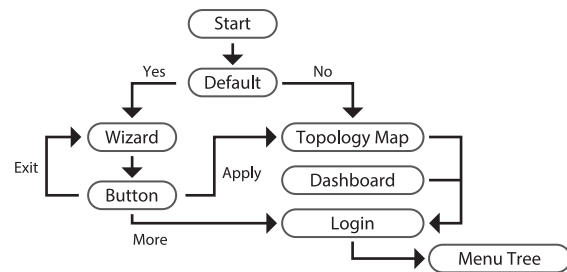
This web interface is user-friendly consisted by a Wizard, a Topology Map and a Dashboard. The Wizard is a set-up assistant that guides the user step by step through the initial management set-up of the Ethernet switch. The Topology Map displays the network infrastructure and highlights link status, and the Dashboard offers key performance and traffic-related Information

The web interface assists OT and IT users to manage and monitor the Ethernet switches, other network devices and real-time traffic and link information, helping them in the resolution of critical application scenarios needed to address, including the protection of the infrastructure devices.

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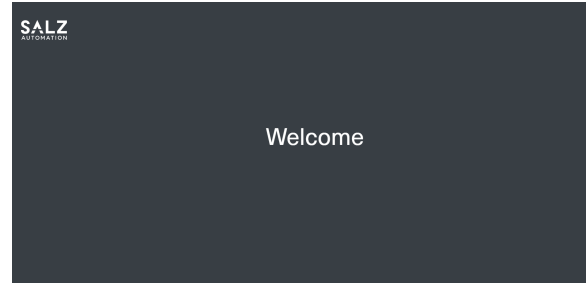
Flow Chart

The following flow chart illustrates the installation and subsequent steps after plug in.



1. Wizard

The Wizard covers the basic requirements for most end-users to set up the Ethernet switch in these three steps; 1) Account; 2) IP address; 3) Access Mode. The configuration settings for advanced features provide a greater degree of control over the device functions.



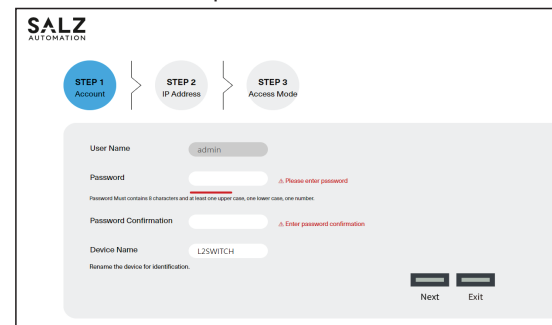
The Wizard contains 'Back', 'Next' and 'Exit' buttons. Clicking the 'Exit' button at any time will automatically save the established configurations at the current stage. A pop-up window will appear to confirm you want to exit the Wizard.



Step 0: Connect the device to the network (Default IP)

The default IP address is 192.168.0.254. Access the IP address to enter the Wizard.

After three seconds the "Welcome screen will switch to the set-up screen as shown below.



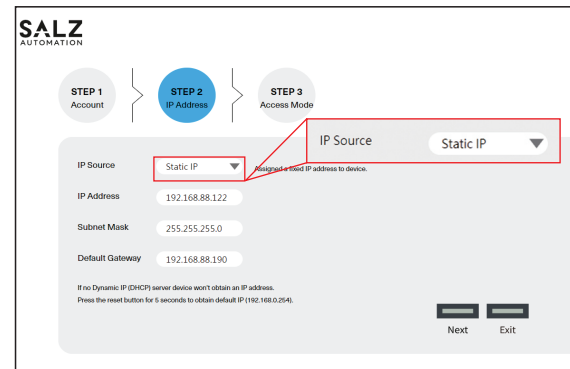
Step 1: Account (Personalize your device)

Choose a User Name and Password to access the switch configuration settings. The Device Name will appear on the topology map. The default User Name is "admin". The device doesn't have a default password, but be reminded that a strong password contains 8 characters and at least one upper case, one lower case and one number. The default Device Name is "L2SWITCH"

Default Settings		
User Name	Password	Device Name
Admin	(No Password)	L2SWITCH

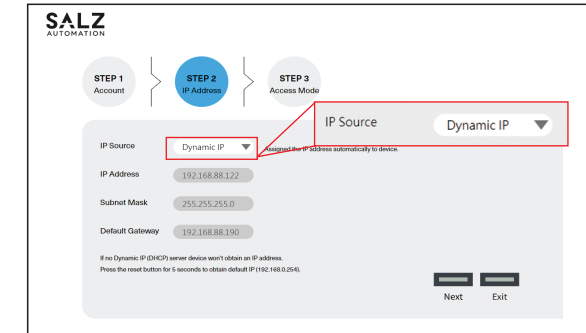
Step 2: IP Address (Device IP Settings)

There are two ways to set the IP address, i.e. Static or Dynamic (DHCP). Select one of two options in the "IP Source" field.



Static IP

Select «Static IP to configure a fixed IP. Input the mandatory fields IP Address, Subnet Mask, and Default Gateway in order to proceed to the next step.



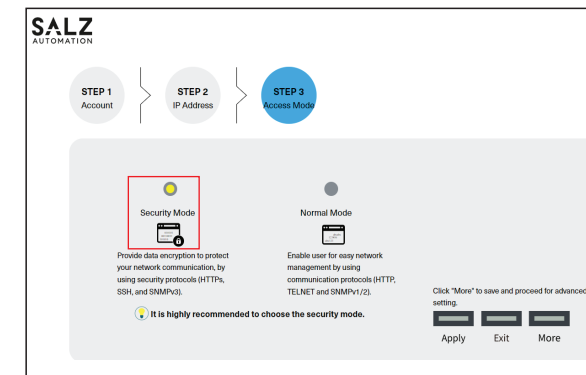
Dynamic IP

As an alternative, If you select the up Source" as "Dynamic IP", the IP address is automatically assigned by the Dynamic IP (DHCP) server of the device. The remaining parameters are disabled.

Note: If no Dynamic IP (DHCP) server the device won't obtain an IP address. Press the reset button for 5 Seconds to obtain the default IP (192.168.0.254).

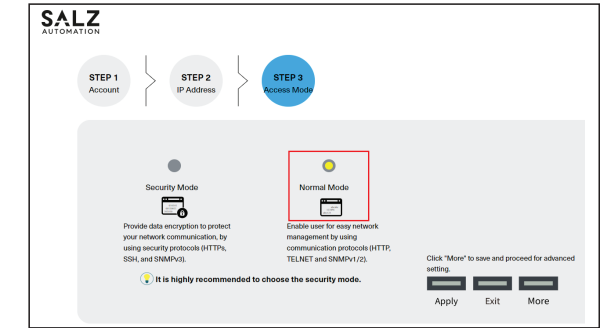
Step 3: Access Mode (Mode of communication)

To set up the communication made of your device you can choose between "Security Mode" or "Normal Mode".



Security Mode:

"Security Mode" provides data encryption to protect your network communication, by using security protocols (HTTPs, SSH, and SNMPv3).



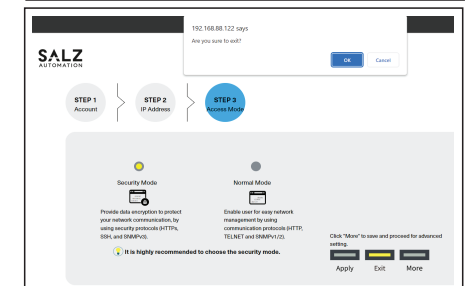
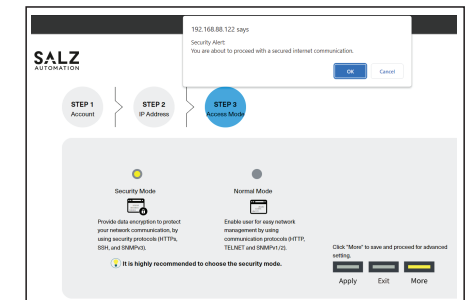
Normal Mode:

"Normal Mode" enables the user for easy network management by using communication protocols (HTTP, TELNET and SNMPv1/2).

Note: It is highly recommended to choose the security mode.

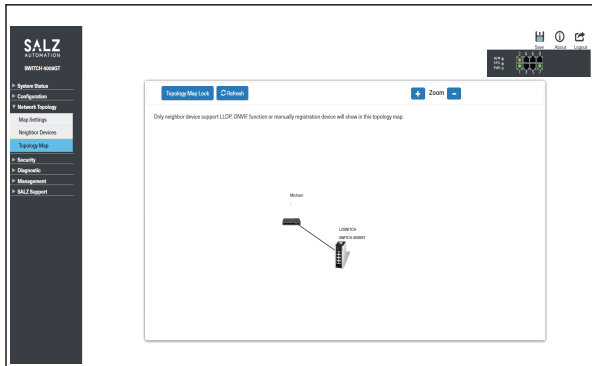
Click the "Apply" button to save and complete the set-up.

To continue to the advanced configuration settings click the "More" button or click "Exit" If you have completed the set-up process. A pop-up window will confirm your selection. Click "OK" to save the applied changes.



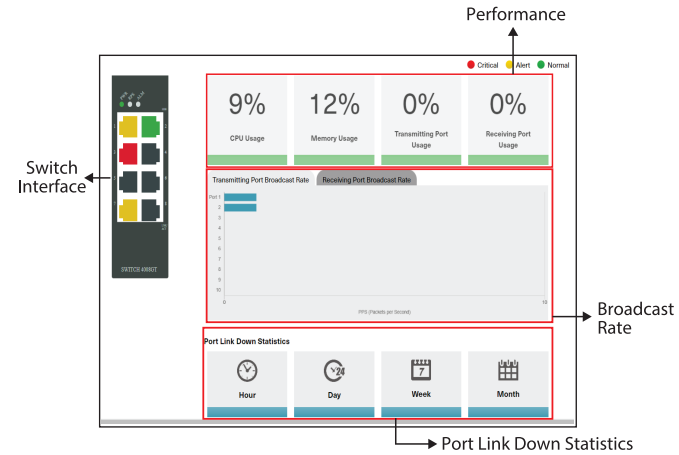
2. Topology Map

“Topology Map” option can be found under the option “Network Topology” from the menu. The Topology Map allows users to view the network infrastructure of the connected devices and neighbouring switches. The map can be repositioned by using the mouse. The Zoom in [+], zoom out [-] are located at the top left corner of the screen. Topology Map Lock and Refresh buttons are located at the top right corner of the screen.



3. Dashboard

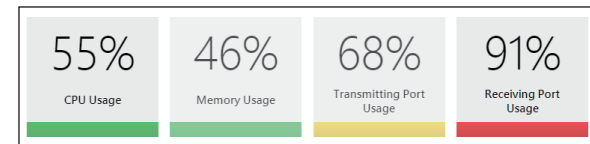
The Dashboard is an Intelligent system that provides real-time switch parameters including performance, link status and data traffic information in an engaging, easy-view format for the end-users tricolor scheme as the Topology Map. This diagnostic Dashboard helps you to address problems within a system and a network. It is divided into four different parts: Performance, Broadcast Rate, Port Link Down Statistics and Switch Interface.



Performance

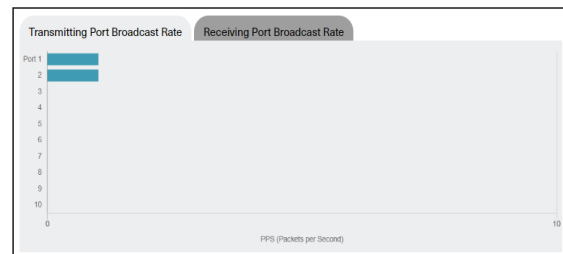
Displays CPU Usage, Memory Usage, Transmitting Port Usage, Receiving Port Usage in percentage which will change to one of the three colors depending on their status according to the parameters set.

- Users can get each subcategory's usage information in % by clicking the box as shown below:



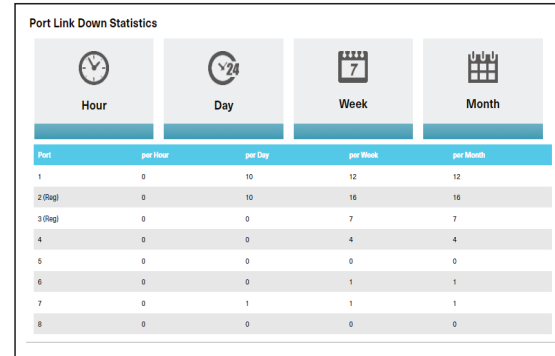
Broadcast Rate

On this section you will observe the Transmitting and Receiving Ports Broadcast Rate and Port Port. Click on each one of them to see the information.



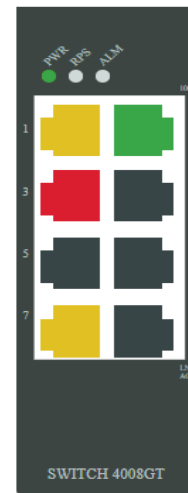
Port Link Down Statistics

Clicking on the Port Link Down Statistics icons will display a summary of the port link down per hour, day, week, and month.



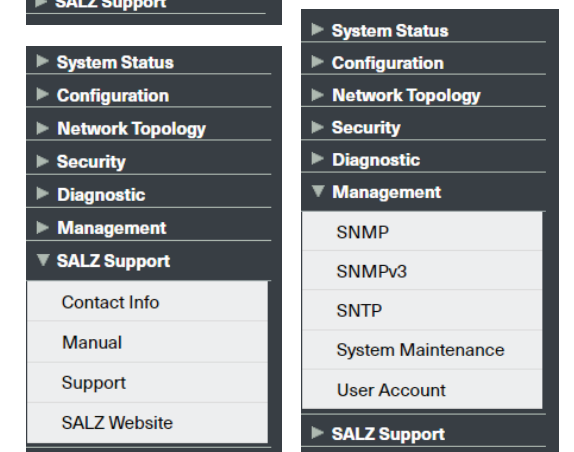
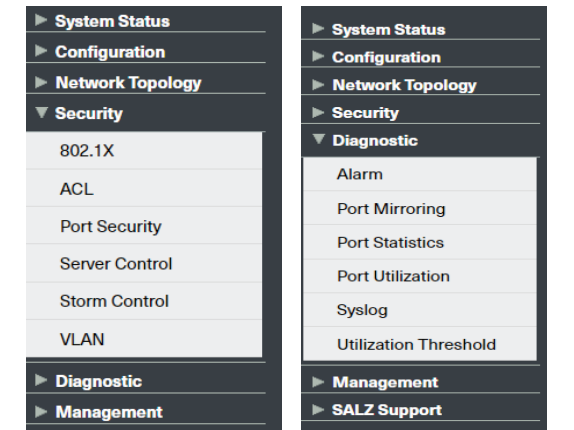
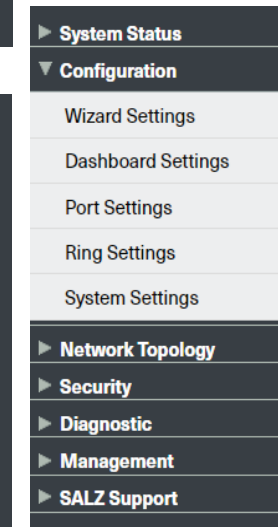
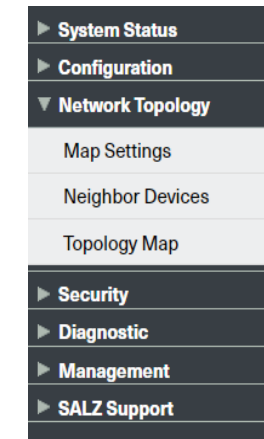
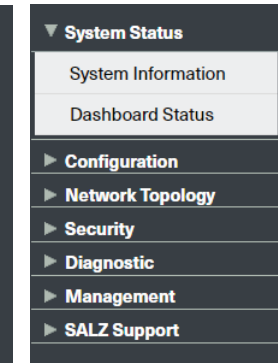
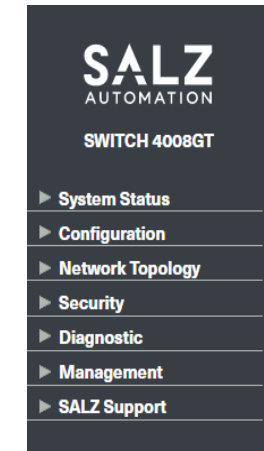
Switch Interface

The illustration of a switch on the left side displays the LED lights of the switch and the ports in use are highlighted in one of the three colors depending on their status. Placing the cursor on a port will show up speed and data transmission and reception info.



4. Menu

The menu on the left of the screen has all the necessary options needed to operate and manage the switch. The detailed explanation and description of the following is present in the USER MANUAL of SWITCH 4008GT.



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Max-Planck-Str. 64
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Email: support@salz-automation.com

Please scan for more information:

