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SW8G Quick Start Guide

The full SW8G User's Manual is available from the on-line data sheet.

<https://www.dcbnet.com/datasheet/sw8gds.html>

Or click on the QR code for a direct link to the data sheet.



The initial SW8G configuration is most easily accomplished via the USB-C management serial port and a PC terminal program set to 57,600 bps 8N1.



USB-C Management Port

Requirements

1. PC with terminal program like TeraTerm or PuTTY and an available USB port.
2. USB cable with USB-C connector for SW8G management port.
3. PC and SW8G (any port) Ethernet connection to local LAN router.

Step-by-Step Procedure

If the SW8G default IP address 192.168.0.1 is appropriate for your network, skip to Step 5. Otherwise, continue with Step 1.

1. Connect a USB cable between the SW8G USB-C port to an appropriate PC USB-A port. The SW8G will enumerate as a PC COM port. Start a PC serial port terminal program configured for 57,600 bps, 8 data bits, no parity bit and 1 stop bit. To set a fixed IP address, continue with the Step 2. To enable DHCP, skip to Step 3.
2. Upon starting the terminal server program, wait for the welcome banner. At the cmd> command prompt, use the **setip <ip_address>** command to set the SW8G IP address to an available address on the local LAN. Skip to Step 5.

```
SW8G Switch V1.4
-----
Type "help" for commands

cmd> setip 192.168.10.123
IP address is now 192.168.10.123
```

3. Upon starting the terminal server program, wait for the welcome banner. At the cmd> command prompt, use the **dhcp on** command to enable DHCP on the local LAN.

```
SW8G Switch V1.4
-----
Type "help" for commands

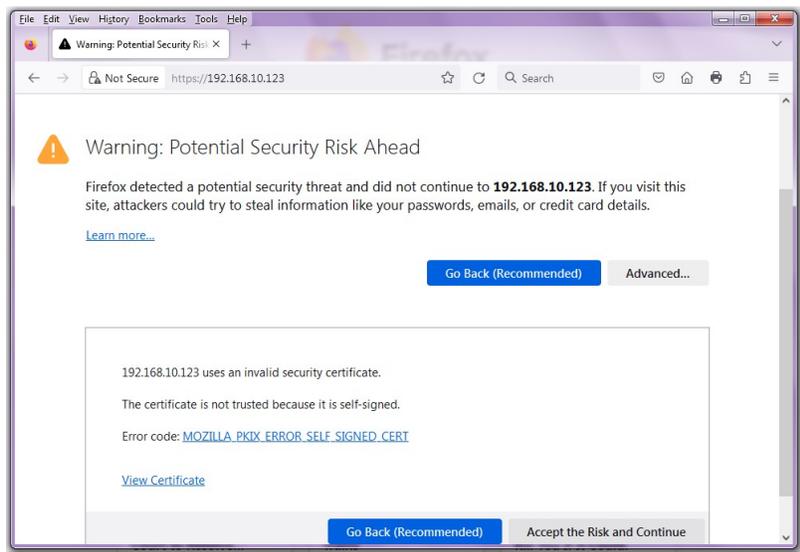
cmd> dhcp on
DHCP is now ON (ENABLED)
```

4. Use the **netinfo** command to see the SW8G IP address assignment. Continue to Step 5 using the IP address shown in the netinfo summary.

```
cmd> netinfo

Netinfo Summary
-----
IP Address: 192.168.10.113
Mask: 255.255.255.0
Gateway: 192.168.10.1
Primary DNS: 192.168.10.1
Secondary DNS: 192.168.10.1
MAC Address: 00:09:aa:a0:00:0c
HTTP Port: 443
Telnet Port:8000
DHCP is ENABLED
Link is UP
```

5. Connect any port on the SW8G to the local LAN with a 10/100/1000Base-T Ethernet cable and enter <https://192.168.10.123> or the DHCP assigned IP address in you browser's search box. You must connect with **https://<ip_address>**, not http. If your web browser does not see the switch, verify that you do not have a proxy server configured in the browser. If so, properly configure the browser to bypass the proxy server for this URL. Note that you might need to click the **Accept the Risk and Continue** option to access the SW8G home page.



6. The SW8G home page has tabs to complete initial device configuration.

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Data Comm for Business Inc. SW8G Ethernet Switch

Home

Welcome!

The SW8G is an 8-port Gigabit Ethernet switch with VLAN support.

Current Switch Status: 2 active ports

Firmware Information:

Firmware Version: V1.4
Release Date: 11/16/2023
Flash CRC: 0x2aa4994e

Boot Version: V1.3
Build Date: 8/30/2023

Home
Port Status
Activity Counters
Network Configuration
Access Configuration
Users Configuration
SNMP Configuration
VLAN Configuration
Port IDs
Port Mirror
Admin

Data Comm for Business Inc.

7. The Network Configuration tab is used to complete network setup. See the user guide for detailed descriptions of all configuration options.

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Data Comm for Business Inc. SW8G Ethernet Switch

Home

Network Interface Configuration

This page allows the configuration of the board's network settings.

CAUTION: Incorrect settings may cause the SW8G to lose network connectivity. See the user's manual for recovery options.

Enter the new settings for the network interface below:

Host Name: SW8G

IP Address: 192.168.10.123

Gateway: 192.168.10.1

Subnet Mask: 255.255.255.0

Primary DNS: 192.168.10.1

Secondary DNS: 0.0.0.0

Enable DHCP

MAC Address: 00:09:aa:a0:00:0c

Restart Interface

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Port Status
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Access Configuration
Users Configuration
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Port IDs
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