

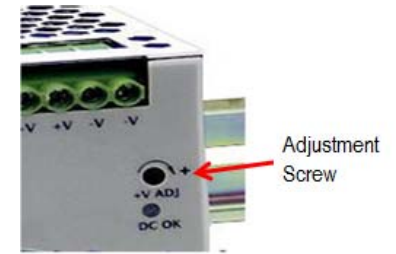
SISPM1040-384-LRT-B Quick Start Guide

PN 33616 Rev. A



Power Requirements

The voltage input range for this switch is 50-57VDC. The power supply used must be an isolated power supply to maintain the product warranty. It may be necessary to adjust the voltage range on the external power supply to a minimum of 50VDC. If using Transition Networks Industrial Power Supply Model 25104 this can be done by turning the **+V** adjustment screw on the front of the power supply clockwise to increase the voltage to be within the 52-54VDC range.

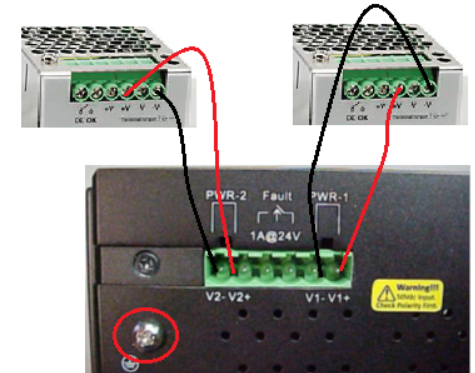


Redundant Power Inputs

The SISPM1040-384-LRT-B has two sets of power inputs, power input 1 and power input 2. Positive and negative terminals are labeled **V+** and **V-** for each input. **Note polarity on the chassis of the switch.** Suitable wire sizes to use for the power connection are 12~22AWG. 16AWG or 18AWG is preferred.

Power Connection

Connect wires between the **+** terminals on the power supply and the **+** terminals on the switch terminal block. Do the same with the **-** terminals. Maintain correct polarity. Ensure the screws are tight and the wires secure.



Chassis Ground

There is a chassis ground screw, circled in red in the image to the right, which can be used to ground the device enclosure. Only negative grounding should be used. The switch does not support positive grounding.

Device Management

The SISPM1040-384-LRT-B can be configured and managed via a built-in web server which supports Internet Explorer (IE 5.0 or above versions) and other Web browsers such as Chrome. Other methods to manage the switch include the CLI via the console port, and CLI via a Telnet session.

Device Default Settings

The SISPM1040-384-LRT comes pre-configured with settings that allow the SISPM1040-384-LRT-B to be accessed through the network. The pre-configured settings are:

IP Address: **192.168.1.77**

Subnet Mask: **255.255.255.0**

Default Gateway: **192.168.1.254**

Reset to Factory Defaults

There is a **Reset** button in the upper right hand corner that can be used to return the switch back to the original factory settings. To restore factory defaults settings, insert a paperclip in the Reset hole to press the **Reset** button for more than 5 seconds. Pressing the **Reset** button for less than 5 seconds will only power cycle and reboot the switch, and will not restore the default settings.



Device Management via a WEB Browser

Management using a WEB browser requires that the device is connected to the network. Connection can be done using any of the network ports on the switch.

Note: By default, IE5.0 or later version do not allow Java applets to open sockets. You must modify the browser setting separately in order to enable Java applets for network ports.

Step 1. Launch Internet Explorer.

Step 2. In the URL field type `http://192.168.1.77` and press Enter.

Step 3. The login screen displays.

Step 4. Type in Username: **root** Password: **root**

Step 5. Press Enter or OK



After logging in, you will see the switch configuration screen.



The menu structure on the left is used to navigate to settings and configuration options.

Basic Settings/IP Settings – Set IP Address

You can enable DHCP by checking the box to automatically obtain an IP address, or manually enter static IP address information. Click Renew and the new values will be applied, which will be displayed under Current.

Management via the Console Port

The SISPM1040-384-LRT-B can be managed via the console port using the DB9 to RJ-45 RS-232 cable which can be found in the package. The DB-9 female connector of the RS-232 cable should be connected to the PC serial port and the RJ-45 connector should be connected to the console port on the switch.

Step 1: On Windows desktop, click on Start -> **Programs -> Accessories -> Communications -> Hyper Terminal**

Step 2. Input a name for the new connection.

Step 3. Select the appropriate COM port in the drop down list.

Step 4. A pop-up window that indicates COM port properties appears, including bits per second, data bits, parity, stop bits, and flow control.

Set to (115200,8,None,1,None)

Step 5. The Login screen will appear. Use the keyboard to enter the Username: **root** and Password: **root**, and then press Enter.



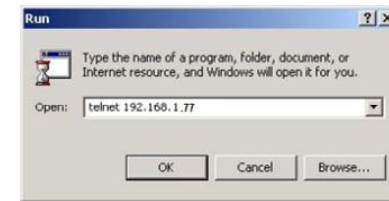
To set a static IP address use the following command:
IP Setup [<ip_addr>] [<ip_mask>] [<ip_router>] [<vid>]
Example:
>IP Setup 192.168.10.10 255.255.255.0 192.168.10.11

To enable/disable DHCP use the following command:
IP DHCP {enable | disable}
Example:
>IP DHCP enable

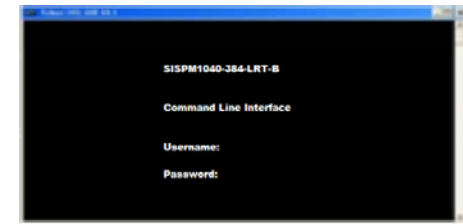
Management via Telnet

You can use **TELNET** to configure the switch using CLI commands that are documented in the user manual.

Step 1. Telnet to the IP address of the switch from the **Run** window by inputting commands (or from the MS-DOS prompt) as below.



Step 2. The Login screen will appear. Use the keyboard to enter the Username: **root** and Password: **root**, and then press Enter.



To set a static IP address use the following command:
IP Setup [<ip_addr>] [<ip_mask>] [<ip_router>] [<vid>]
Example:
>IP Setup 192.168.10.10 255.255.255.0 192.168.10.1 1

To enable/disable DHCP use the following command:
IP DHCP {enable | disable}
Example:
>IP DHCP enable

Product Documentation: To access the Installation Guide, firmware, datasheet or other documentation for your product, enter your model number:

SISPM1040-384-LRT-B in the "Search" box at our website www.transition.com

For more information contact Transition Networks at:

800.526-9267

or visit us online:

www.transition.com