

SISGM1040-184D-LRT

12-Port Managed Industrial Ethernet Switch

Quick Start Guide

Safety Warnings and Cautions

See the Install Guide for important Safety Warnings and Cautions, Compliance, and Safety Statements, Network Planning, Selecting a Site, Ethernet Cabling, Mounting, Installing an SFP, and Connecting to a Power Source.

Note: Make all cable connections before connecting Power.

Ethernet Interface Connection (RJ45 Ethernet)

The switch provides two interface types: RJ45 and optical (mini-GBIC). Connect the Ethernet interface via RJ45:

- Connect to a PC with a straight-through or a cross-over Ethernet cable.
- Connect the SISGM1040-184D-LRT to an Ethernet device with UTP or STP Ethernet cables.

See the *Install Guide* for the RJ-45 connector pin assignments.

Ethernet Interface Connecting (Fiber, SFP)

For a 100 Mbps fiber port available, prepare the LC or SC connectors (use an optional SC-to-LC adapter).

For a 1000 Mbps fiber port available, use a mini-GBIC SFP. These accept plug-in fiber transceivers that typically have an LC style connector. They are available with multimode, single mode, long-haul, or special-application transceivers.

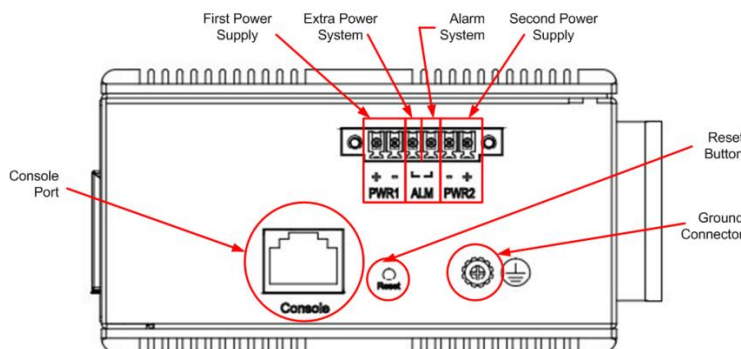
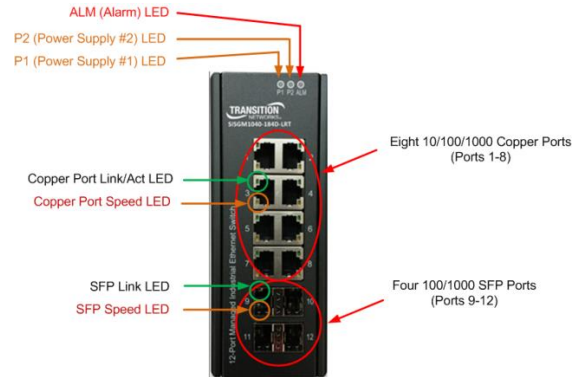
Warning: Never attempt to view optical connectors that might be emitting laser energy. Do not power up the laser product without connecting the laser to the optical fiber and putting the cover in position, as laser outputs will emit infrared laser light at this point.

Alarm Relay and Ground Connection

The alarm relay output contacts are in the middle of the DC terminal block connector as shown below. The alarm relay output is “Normally Open”.

Power Connection

The switch can be powered from two power supply (input range 12V – 58V). Insert the positive and negative wires into the **V+** and **V-** contacts on the terminal block and tighten the wire-clamp screws to prevent the wires from being loosened. **Note:** The DC power must be connected to a well-fused power supply.



Console Port Connection

The Console port is for local management by using a terminal emulator or a computer with terminal emulation software. Use a DB9 connector to connect to the computer COM port and use these settings:

Baud rate=115200bps, Data bits=8, Parity= None, Stop bits=1, and Flow control=None.

To connect the host PC to the console port, an RJ45 (male) connector-to-RS232 DB9 (female) connector cable is required. The RJ45 connector of the cable is connected to the CID port of the SISGM1040-184D-LRT; the DB9 connector of the cable is connected to the PC COM port. See the *Install Guide* for the console cable pin assignment.

Connect and Log In

1. Connect to the switch RJ45 Ethernet port.
2. Enter the factory default IP: **192.168.1.77**.
3. Login with the default account and password. Username: **root**, Password: **root**.

CLI Initialization and Configuration (Optional)

1. Connect to the switch RJ45 Ethernet port.
2. In Telnet, enter the command: **telnet 192.168.1.77**.
3. Login with the default Username (**root**) and Password **root**.
4. Change the switch IP address with the CLI commands below:

```
# enable
# configure terminal
(config)# interface vlan 1
(config-if-vlan)# ip address 172.16.100.123 255.255.255.0
(config-if-vlan)# exit
#
```

Using the Web Interface

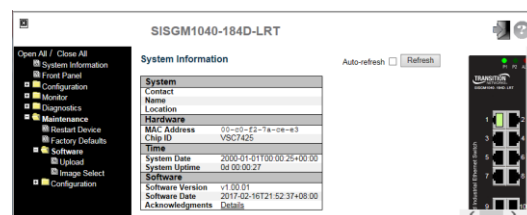
At the Login screen, in the Username field, enter the Login user name (default **root**).

In the Password field, enter Login user password (default: **root**).

Default IP (on interface VLAN 1): **192.168.1.77**.

Default Netmask: 255.255.255.0

See the *Web User Guide* for details.



Related Manuals: These manuals tell how to operate and use the switch: *SISGM1040-184D-LRT Install Guide* (33709), *User Guide* (33710), and *CLI Reference* (33711). Go to the [Product Support](#) webpage (login required).

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