

## WHAT'S IN THE BOX

### SISPM1242-582-LRT

### CONTENTS



- 1x DB-9 to RJ-45 console cable
- 1x printed Quick Start Guide
- 1x DIN Rail mounting kit

Optional accessories (sold separately):

- SFP modules
- Power supplies



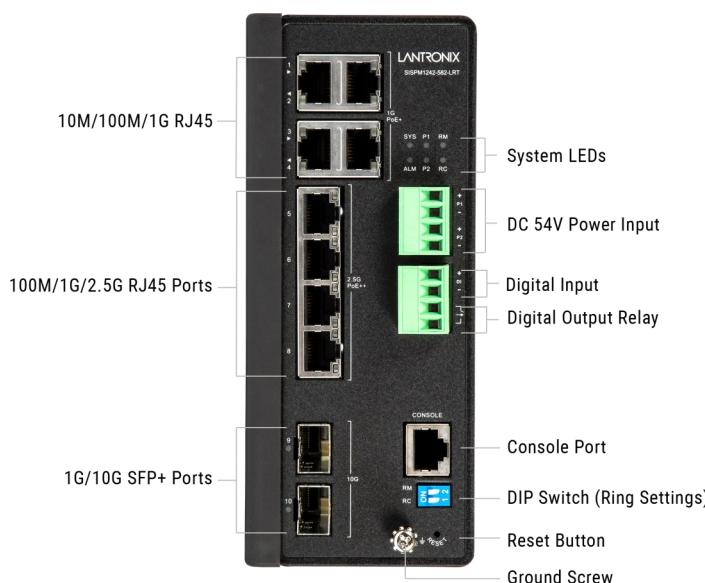
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## 1. OVERVIEW AND INSTALLATION

**IMPORTANT:** Before installing this product, read the *Install Guide* for all statements, cautions, and warnings for proper installation. Failure to follow all precautions may damage the unit and void the warranty.



### LED Indicators

- **P1, P2 (Power)** Power - power status
- **SYS (System)** - system ready status
- **ALM (Alarm)** - abnormal state detection
- **RM/RC (Ring Master / Rapid Chain)** - Rapid Ring status
- **Ports (1-10)** - RJ45 and SFP ports status

### Proper Installation and Operation

**WARNING:** These devices are open-type devices that are to be installed in an enclosure only accessible with the use of a tool, suitable for the environment.

**WARNING:** EXPLOSION HAZARD. DO NOT DISCONNECT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITABLE CONCENTRATIONS.

### Ground Screw

**ATTENTION:** This case must be earth grounded. No DC input may be earth grounded. Use Isolated Power Supply.

Grounding the Switch helps limit the effects of noise due to electromagnetic interference (EMI) via proper grounding. Always run the ground connection from the ground screw to a grounding surface before connecting the Switch to a power source.

### DIN Rail Mounting

Attach the DIN Rail mounting plate to the back panel of the unit, insert the provided M3x8mm screws and tighten with a screwdriver.

### Installing SFP Modules

SFP ports should use UL Listed Optional Transceiver product, Rated 3.3Vdc, Laser Class 1. Note the proper orientation and insert the module into the SFP port.

## 2. POWER CONNECTION

**WARNING:** Connect the power supply to the switch first, and then connect the power supply to power. Otherwise product failure may occur.

1. Verify that power is off to the DC circuit to be attached to the switch PoE DC-input connector. This can be either AC-input or DC-input or site source DC.
2. Place an appropriate safety flag and lockout device at the source power circuit breaker, or place a piece of adhesive tape over the circuit breaker handle to prevent accidental power restoration while you are working on the circuit.

**WARNING:** Hot Surface; Do Not Touch.

### Connecting the DC Power Inputs (P1 and P2)

1. Insert the negative/positive DC wires into the **V-** and **V+** terminals, respectively.

2. Use a small flat-blade screwdriver to tighten the wire-clamp screws on the Terminal Block connector.
3. Insert the Terminal Block connector prongs into the terminal block receptor.

Observe that the **SYS** LED is ON to verify the power connection is correct.

### Disconnecting Switch Power

1. Turn off power to the switch.
2. Disconnect the cables.

See the *Install Guide* for more details.

## 3. INITIAL SETUP

**Via Console Port:** Use the provided serial cable (RJ45 to DB-9) to make a direct serial connection from the console port on the switch to a serial port on your computer. Use an adapter if needed.

The default serial settings are:

- Baud rate = 115200 bps
- Data bits = 8
- Parity = None
- Stop bits = 1
- Flow control = None

Factory default username/password: admin / admin

Once you have logged in, you can perform initial switch configuration using the CLI.

Type 'configure terminal' to enter configuration mode.

**Via Web Browser:** You will first need to reconfigure your computer's IP address so that it can communicate with the switch.

The default settings are:

- IP address: 192.168.1.77
- Subnet Mask: 255.255.255.0
- Default gateway: 192.168.1.254
- Username/password: admin/admin

Connect your computer to any port on the switch using a standard Ethernet cable.

Open the web browser and enter the default IP address to access the Web UI.

Once you have logged in, the First Time Wizard walks you through the initial switch configuration.

## 4. TROUBLESHOOTING AND SUPPORT

The RESET button on the front of the unit provides the following functions:

- **Reset (reboot)** - Press RESET for 2~7 seconds  
(SYS LED blinks green; Port status LEDs are Off)
- **Restore to factory defaults**— Press RESET for 7~12 seconds  
(SYS LED blinks green; Port status LEDs are all On)

Device reboot and factory restore are also available from the Web UI or CLI interfaces.

### Technical Support Visit

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