

Quick Start Guide

C-310 Series Gigabit Managed Switch

Package Contents



1



2



3



4



5

1. C-310 Series Switch
2. Rack Mounting Kit—brackets and screws
3. Power cord—US, Continental Europe, or UK

4. Four adhesive rubber feet
5. Documentation—*Quick Start Guide* (this document) and *Safety and Regulatory Information*



Note: The C-310 Series switches are for indoor use only.

Note: For safety and regulatory information, refer to the Safety and Regulatory Information document included with the switch.

Note: Other documentation, including the *Installation Guide*, *Web Management Guide*, and *CLI Reference Guide*, can be obtained from www.signamax.com

Note: The switch drawings in this document are for illustration only and may not match your particular switch model.

2. Attach a lug (not provided) to a #12 AWG (PoE switch) or #18 AWG (non-PoE switch) minimum grounding wire (not provided), and connect it to the grounding point on the switch rear panel. Then connect the other end of the wire to rack ground.

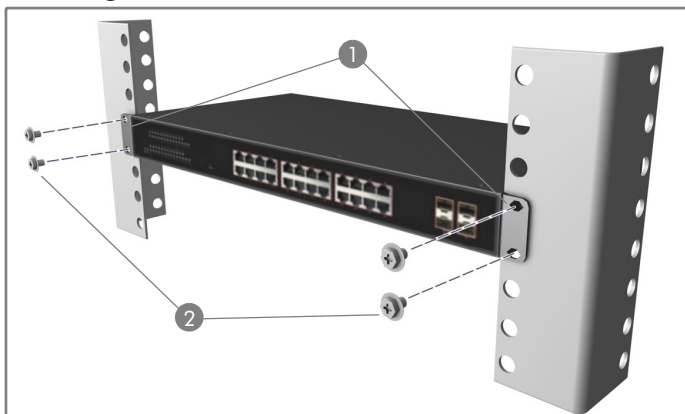


Caution: The earth connection must not be removed unless all supply connections have been disconnected.

Caution: The device must be installed in a restricted-access location. It should have a separate protective earthing terminal on the chassis that must be permanently connected to earth to adequately ground the chassis and protect the operator from electrical hazards.

1. Mount the Switch

Mounting the Switch in a Rack



1. Attach the brackets to the switch using the included screws.
2. Use the screws and cage/clip nuts supplied with the rack to secure the switch in the rack.



Caution: Installing the switch in a rack requires two people. One person should position the switch in the rack, while the other secures it using the rack screws.



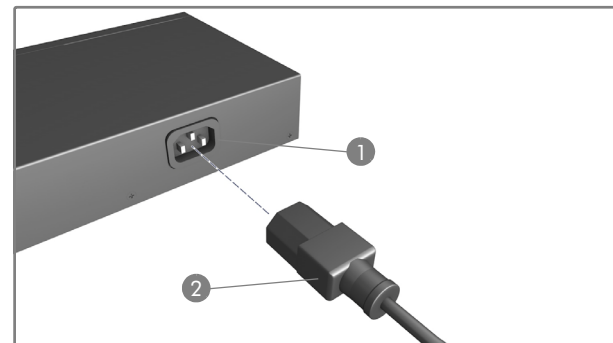
Note: The switches can also be installed on a desktop or shelf using the included adhesive rubber feet.

2. Ground the Switch



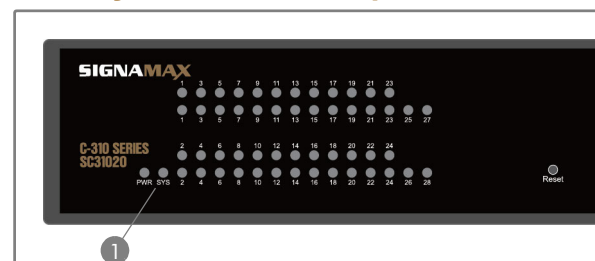
1. Ensure the rack on which the switch is to be mounted is properly grounded and in compliance with ETSI ETS 300 253. Verify that there is a good electrical connection to the grounding point on the rack (no paint or isolating surface treatment).

3. Connect Power



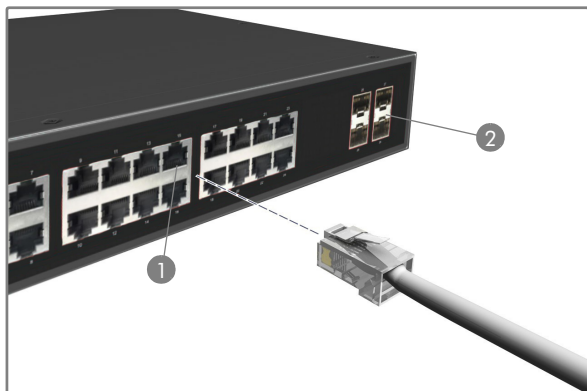
1. Plug the AC power cord into the socket on the rear of the switch.
2. Connect the other end of the power cord to an AC power source.

4. Verify Basic Switch Operation



1. Verify basic switch operation by checking the system LEDs. When operating normally, the Power and System LEDs should be on green.

5. Connect Network Cables



1. For the RJ-45 ports, connect 100-ohm Category 5, 5e or better twisted-pair cable.
2. For the SFP slots, first install SFP transceivers and then connect fiber optic cabling to the transceiver ports.
The following transceivers are supported:

- 1000BASE-SX (065-79SXMG)
- 1000BASE-LX (065-79LXMG)
- 1000BASE-ZX (065-79ZXMG)
- 1000BASE-LHX (065-79LXEDMG)

For fiber transceivers, it is suggested to use UL-certified devices that meet Laser Class I emission levels. Rated voltage and current as 3-3.6V / 0.1-0.3A.

3. As connections are made, check the port status LEDs to be sure the links are valid.

For the RJ-45 ports:

- Green — A valid 1 Gbps link. Flashing indicates activity.
- Orange — A valid 10/100 Mbps link. Flashing indicates activity.

For the SFP ports:

- Green — A valid 1 Gbps link. Flashing indicates activity.

6. Connect to the Web User Interface

1. Connect a PC directly to one of the switch's RJ-45 ports.
2. Set the PC IP address to be on the same subnet as the switch (that is, the PC and switch IP addresses must both start 192.168.2.x with subnet mask 255.255.255.0).
3. Enter the switch's default management IP address of 192.168.2.10 into the web browser address bar.
4. Log in to the web interface using the default settings:
User Name = admin
Password = admin



Note: For further information on switch configuration, refer to the *Web Management Guide* and *CLI Reference Guide*.

Hardware Specifications

Switch Chassis

Size (WxDxH)	440 x 316.5 x 44 mm (17.25 x 12.46 x 1.74 in.)
Weight	4.665 kg (10.28 lb)
Temperature	Operating: 0° C to 50° C (32° F to 122° F) Storage: -40° C to 70° C (-40° F to 158° F)
Humidity	Operating: 10% to 90% (non-condensing)

Power Specifications

AC Input	100–240 VAC, 50-60 Hz, 15 A
Power Consumption	770 W maximum
PoE Power Budget	740 W

Regulatory Compliances

Emissions	EN 55032:2015, Class A EN 61000-3-2:2014, Class A EN 61000-3-3:2013, Class A 47 CFR FCC Part 15:2015, Subpart B, Class A CE Mark VCCI Class A
Immunity	EN 55024:2010+A1:2015 IEC 61000-4-2/3/4/5/6/8/11
Safety	CB (IEC/EN60950-1)