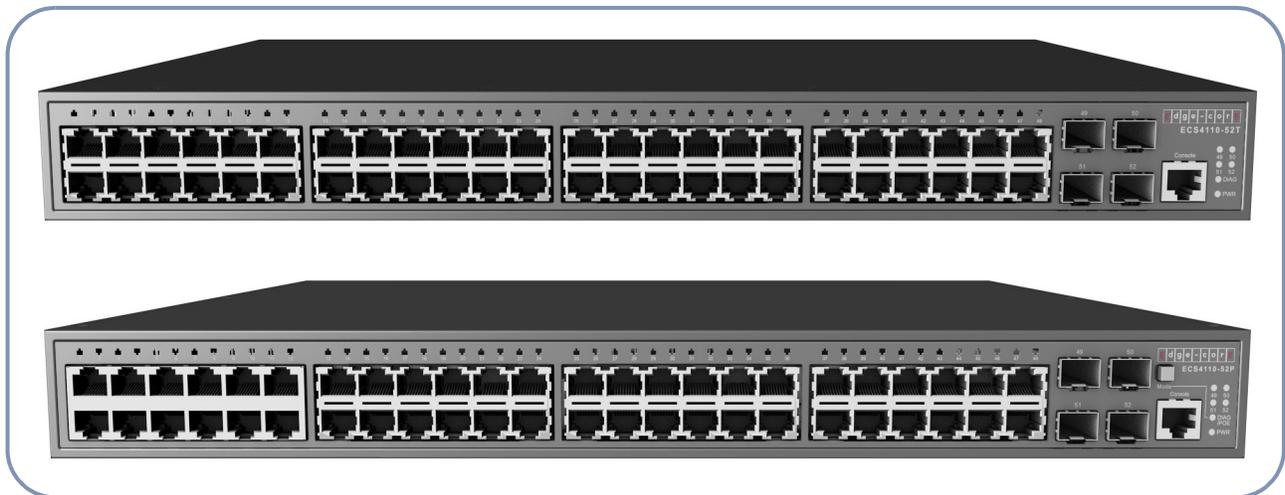


Quick Start Guide

L2 Gigabit Ethernet Switch

ECS4110-52T and ECS4110-52P

The ECS4110-52T and ECS4110-52P are high-performance enterprise Layer 2 switches that provide 48 10/100/1000BASE-T RJ-45 ports and four Small Form Factor (SFP) slots that support 1000BASE-SX, 1000BASE-LX, 100BASE-FX, and 1000BASE-T transceivers. The ECS4110-52P switch also provides Power-over-Ethernet (PoE) capability over its 48 copper wire RJ-45 ports.



NOTE: For detailed switch installation information, refer to the *Installation Guide*, which is on the Documentation CD included with the switch.

NOTE: For Safety and Regulatory information, refer to the *Safety and Regulatory Information* document included with the switch.

The switch is designed to be installed in a standard 19-inch equipment rack. However, you can also install the switch on any flat surface, such as a desktop.

Follow the steps in this guide to install the switch in your network.

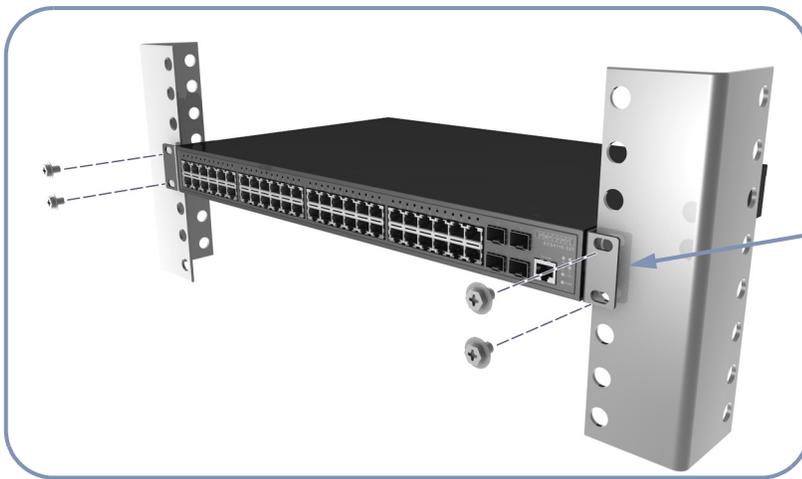
1. Unpack the Switch Unpack the switch and check the package contents.

- ◆ ECS4110-52T or ECS4110-52P L2 Gigabit Ethernet Switch
- ◆ Bracket Mounting Kit containing two brackets and eight screws for attaching the brackets to the switch
- ◆ Four adhesive foot pads
- ◆ Power cord—either US, Continental Europe or UK

- ◆ Console cable (RJ-45 to DB-9)
- ◆ Quick Start Guide (this document)
- ◆ Regulatory and Safety Information
- ◆ Documentation CD — includes Installation Guide and Management Guide

2. Install the Switch The switch can be mounted in a standard 19-inch rack or on a desktop or shelf.

Rack Mounting—Following your rack plan, mark the holes in the rack where the switch will be installed. One person should lift the switch into the rack so that it is aligned with the marked holes. A second person should secure the switch in the rack, using four rack-mounting screws (not provided).



Attach the brackets to the switch, then use the rack mounting screws supplied with the rack to secure the switch in the rack.

Desktop or Shelf Mounting—Attach the four adhesive feet to the bottom of the switch, then set the device on a desktop, shelf, or other flat surface.



Attach the four adhesive rubber foot pads to the recessed areas on the bottom of the switch.

3. Connect Power To supply AC power to the switch, first verify that the external AC power supply can provide 100 to 240 VAC, 50-60 Hz and 1A minimum for the ECS4110-52T or 7A minimum for the ECS4110-52P.

To connect AC power, plug the power cord into a grounded, 3-pin, AC power source and then into the AC socket on the rear of the switch.

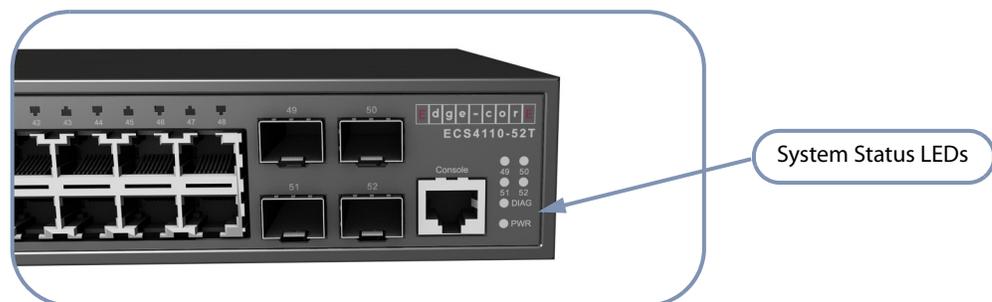


Caution: Use the AC power cord supplied with the switch. For international users that may need to change the AC power cord, you must use a cord set that has been approved for the socket type in your country.



4. Verify Switch Operation Verify basic switch operation by checking the system LEDs.

When operating normally, the PWR and DIAG LEDs should be on green.



5. Make Initial Configuration Changes

At this point you may need to make a few basic switch configuration changes before connecting to the network. It is suggested to connect to the switch console port to perform this task.

The serial port's configuration requirements are as follows: 115200 bps, 8 characters, no parity, one stop bit, 8 data bits, and no flow control.

You can log in to the command-line interface (CLI) using default settings: User name "admin" with password "admin."

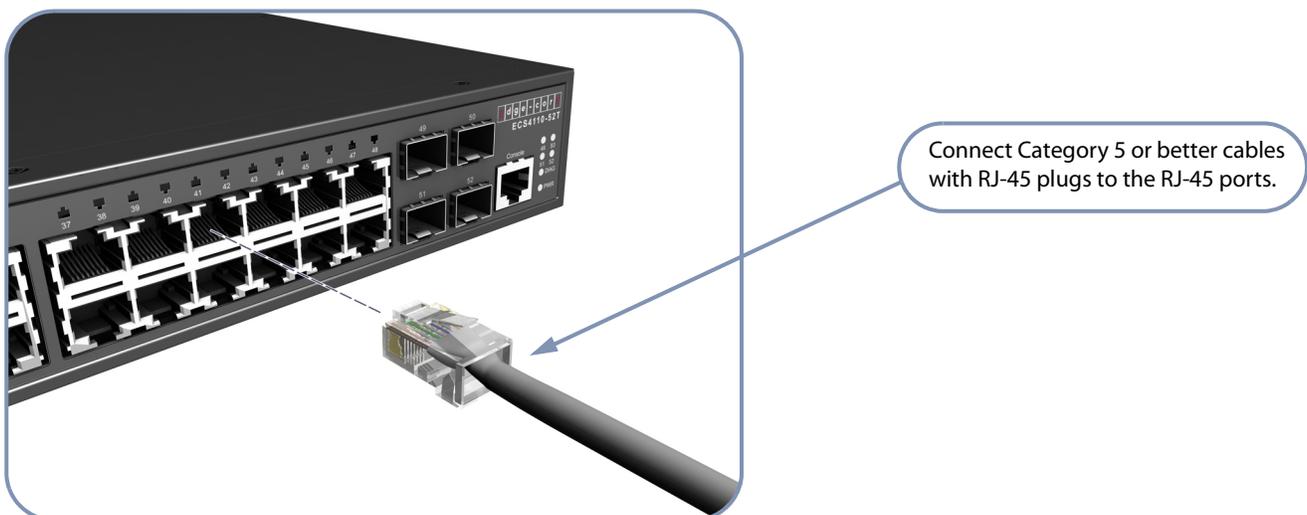


For information on initial switch configuration, refer to the *Management Guide*, which is on the Documentation CD included with the switch.

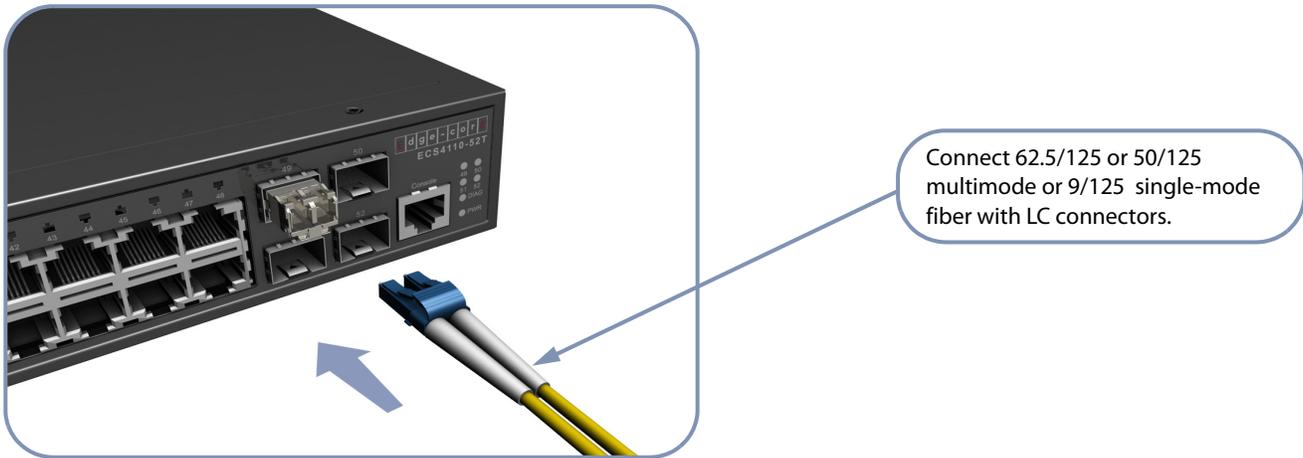
6. Connect Network Cables

Connect network cables to port interfaces:

- ◆ For the RJ-45 ports, use 100-ohm Category 5, 5e or better cable for 1000BASE-T connections, or Category 5 or better for 100BASE-TX connections.



- ◆ For the SFP slots, first install SFP transceivers and then connect fiber optic cabling to the transceiver ports.



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

i **NOTE:** For further switch configuration information, refer to the *Management Guide*, which is on the Documentation CD included with the switch.

Hardware Specifications

| Item | Specification |
|-------------------------------|---|
| Chassis Specifications | |
| Size (W x D x H) | ECS4110-52T: 44.0 x 28 x 4.4 cm (17.32 x 11.0 x 1.73 in) ECS4110-52P: 44.0 x 37.9 x 4.4 cm (17.30 x 14.94 x 1.73 in) |
| Weight | ECS4110-52T: 3.14 kg (6.9 lbs) ECS4110-52P: 5.27 kg (11.6 lbs) |
| 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 | ECS4110-52T: AC 100-240 V, 50-60 Hz ECS4110-52P: AC 100-240 V, 50-60 Hz |
| Power Consumption | ECS4110-52T: 65 W ECS4110-52P: 530 W |
| Maximum Current | ECS4110-52T: 1 A @ 100 VAC ECS4110-52P: 7 A @ 100 VAC |
| Regulatory Compliances | |
| Emissions | CE Mark <ul style="list-style-type: none"> ◆ EN 55024 ◆ EN 55022, Class A ◆ EN 61000-3-2 ◆ EN 61000-3-3 FCC Class A VCCI Class A RoHS Directive 2002/95/ec of the European Parliament and of the Council, WEEE Directive 2002/96/EC |
| Immunity | IEC 61000-4-2/3/4/5/6/8/11 |
| Safety | CSA/NRTL (UL60950, CSA 22.2.No 60950) EN 60950-1:2006+A11:2009+A1:2010+A12:2011 / IEC 60950-1:2005; Am1:2009; CSA22.2 No. 60950-1-07 2nd; UL 60950-1 2nd CB (IEC/EN 60950-1) |