

1 Unpacking

Unpack the items. Your package should include:

- One EX29000 Series switch
- Rack-mounting hardware brackets
- One CD containing this user's guide

If items are missing or damaged, notify your EtherWAN representative. Keep the carton and packing material.

2 What Else You Need

- Appropriate cables for data ports
- Personal computer or laptop

3 Select a Location

- Desktop installations: Mount on a flat table or shelf surface.
- Rack installations: Use a 19-inch (48.3-centimeter) EIA standard equipment rack that is grounded and physically secure.
- Identify a power source within 6 feet (1.8 meters).
- Choose a dry area with ambient temperature between -10 and 60°C (14 and 140°F).
- Keep away from heat sources, sunlight, warm air exhausts, hot-air vents, and heaters.
- Be sure there is adequate airflow.
- Keep the switch at least 6 ft (1.83 m) away from the nearest source of electromagnetic noise, such as a photocopy machine.

4 Connect to the Data Ports

Depending on the model, your switch can have the following ports:

- 0, 8, 16, or 24 10/100Base-TX ports
- 0, 4, 8, 12, 16, 20, or 24 100Base-FX ports
- 0, 2, or 4 Gigabit ports

10/100Base-TX and 100Base-FX Ports

These ports can connect to devices such as an IP surveillance camera or a Voice Over Internet Protocol (VoIP) phone.

- Insert one end of a Category 5 or better Ethernet cable into a switch port.
- Connect the other end into the Ethernet port of the device.
- Repeat steps A and B for each additional device you want to connect to the switch.

Gigabit Ports

Gigabit ports come as 4-port 10/100/1000Base-TX with Gigabit SFP socket combo, 4-port 1000Base-SX/LX/BX, or 2-port 10/100/1000Base-TX with 2-port 1000Base-SX/LX/BX. These ports can connect to network devices such as a computer, printer, network video recorder (NVR), network storage, or they can connect to the network itself.

Wear an ESD-preventive wrist strap before connecting to these ports.

Gigabit-SFP combo ports operate in "either/or" fashion. This means that attaching to a 1 Gbps

SFP port renders the equivalent partner combo port unavailable.

5 Apply AC Power

- Connect the female end of the supplied AC power adapter to the power receptacle on the switch rear panel.
- Connect the other end to a grounded 3-pronged AC outlet.

Power-Up Sequence

When you apply AC power:

- All **Link/ACT** LEDs blink momentarily.
- The **System** LED goes ON.
- LEDs for every port connected to a device flash.

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6 Front Panel LEDs

LED	Color	Status
System	Green	ON = CPU is coming up. OFF = CPU is not coming up.
10/100/1000Base-TX Ports		
Link/ACT	Green	ON = valid network connection. OFF = no connection. Flashing = port is sending or receiving data.
SPEED	Green	ON = valid port connection at 1000 Mbps.
	Amber	ON = valid port connection at 10 or 100 Mbps.
SFP		
Link/ACT	Green	ON = valid SFP link. OFF = no SFP connection. Flashing = port is sending or receiving data.
SPEED	Blue	ON = SFP link at 10 Gbps.
	Green	ON = SFP link at 1000 Mbps.

7 Managing the Switch

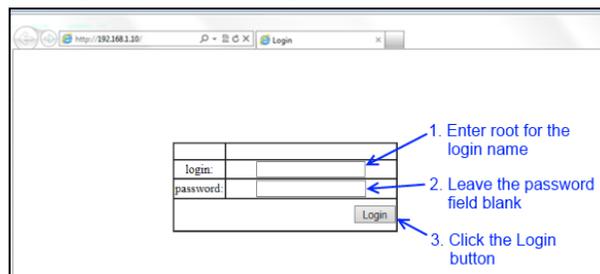
The following procedures are optional, but recommended for a basic configuration.

- Connect a PC to an available switch port using an appropriate cable.
- Confirm that the **Link/ACT** LED for the switch port to which the PC is connected is ON. If not, choose a different port.

- Configure the PC's TCP/IP settings to use the subnet 192.168.1.x and subnet mask 255.255.255.0, where x is a number from 2 to 254 other than 10.

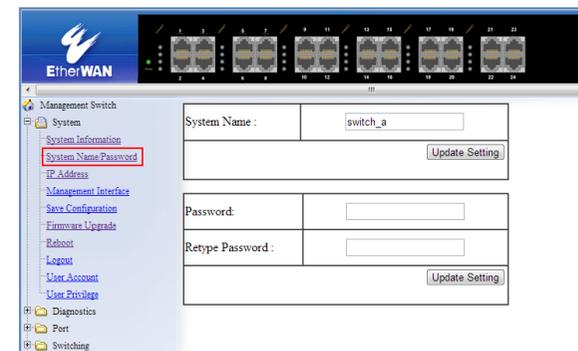
- In a Web browser address bar, type <http://192.168.1.10> and press Enter.

- Log in to the management interface:



- Change the system name:

- In the left pane, click + next to **System**, then click **System Name/Password**.
- On the right side, click in the **System Name** text box.
- Replace the name shown with a name you want to assign to the switch.
- Click the **Update Setting** button below the **System Name** text box.



- By default there is no password assigned to the switch. To add a password:

- In the page above, click in the **Password** text box, enter a password, and retype it in the **Retype Password** text box.
- Click **Update Setting** below the **Retype Password** text box.

- Change the switch's IP address and subnet mask to match the scheme on your network:

