1 Unpacking

Unpack the items. Your package should include:

➢ One EX62000 Series hardened managed 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 60ºC (14 and 140ºF).

➢ 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:

➢ 8, 12, 13, or 14 10/100Base-TX ports

➢ 0, 1, or 2 100Base-FX ports

➢ 0, 1, or 2 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.

A. Insert one end of an appropriate cable into a switch port.

B. Connect the other end into the Ethernet port of the device.

C. Repeat steps A and B for each additional device you want to connect to the switch.

Gigabit Ports

Some switch models have 1 or 2 10/100/1000Base-TX ports, 1000Base-SX/LX/BX ports, or 2-port 1000Base SFP-combo 10/100/1000Base-TX ports. You can connect these ports to network devices such as a computer, printer, network video recorder (NVR), network storage, or they can connect to the network itself.

SFP-combo ports operate in "either/or" fashion. This means that attaching to a 1 Gbps SFP-combo port renders the equivalent partner SFP-combo port unavailable.

5 Apply Power

The switch has two pairs of power inputs: a 12-32VDC terminal block and a 12VDC jack. Only one power input is required to operate the switch. However, redundant power supply functionality is supported.

Terminal Block

The switch provides two power inputs on a 12-32VDC terminal block. Only one power input is required to operate the switch. The terminal block has 4 terminal posts.
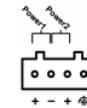
Pin		Description
Power 2	+	12-32VDC
	–	Power Ground
Power 1	+	12-32VDC
	–	Power Ground
⏚		Earth Ground
Relay Output Rating		1.25A @ 12VDC, 0.625A @ 24VDC

DC Jack

Pin	Description
Power 3	12VDC

Power-Up Sequence

When you apply power, all Link/ACT LEDs blink momentarily, the Power 1/2/3 LEDs go ON, and LEDs for every port connected to a device flash.

6 Front Panel LEDs

LED	Color	Status
Power 1 Power 2 Power 3	Green	ON = power on. OFF = power off.
10/100Base-TX, 100Base-FX LEDs		
Link/ Act	Green	ON = valid network connection is established. Flashing = port sending or receiving data.
10/ 100	Green	ON = valid port connection at 100 Mbps. OFF = valid port connection at 10 Mbps.
10/100/1000Base-TX LEDs		
Link/ Act	Green	ON = valid network connection is established. Flashing = port sending or receiving data.
1000	Green	ON = valid port connection at 1000 Mbps. OFF = valid port connection at 10 or 100 Mbps.
SFP	Green	ON = valid SFP connection is established.
1000Base-SX/LX LEDs		
Link/ Act	Orange	ON = valid network connection is established. Flashing = port sending or receiving data.
1000	Green	ON = valid port connection at 1000 Mbps. OFF = valid port connection at 10 or 100 Mbps.
SFP	Green	ON = valid SFP connection is established.

7 Managing the Switch

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

A. Connect a PC to an available switch port using an appropriate cable.

B. Confirm that the Link/ACT LED for the switch port to which the PC is connected is ON. If not, choose a different port.

C. 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.

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

E. Log in to the management interface:

1. Enter root for the login name
2. Leave the password field blank
3. Click the Login button
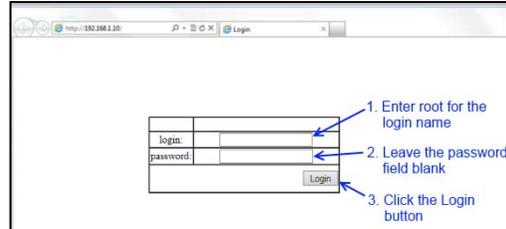
F. Change the system name:
   - In the left pane, click + next to System, then click System Name/Password.
   - On the right side, click in the System Name text box.
   - Replace the name shown with a name you want to assign to the switch.
   - Click the Update Setting button below the System Name text box.
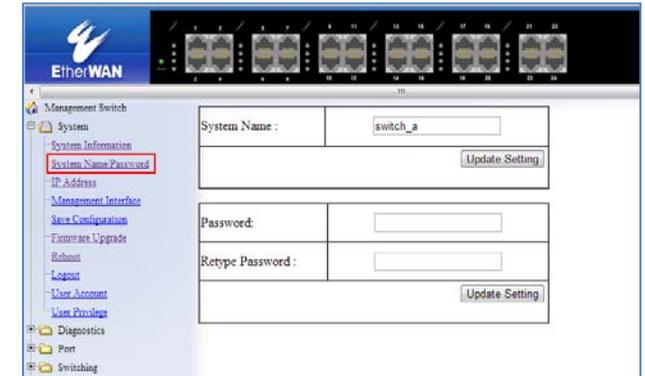
G. By default there is no password assigned to the switch. To add a password:
   - In the page above, click in the Password text box, enter a password, and retype it in the Retype Password text box.
   - Click Update Setting below the Retype Password text box.

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

1. Click on the + next to system
2. Click on IP Address
3. Enter the IP Address and Subnet Mask
4. Click on the Apply & Save button