

1 Unpacking

Unpack the items. Your package should include:

- One EX26484 Ethernet PoE switch
- One AC power cord
- Rack-mounting hardware kit

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

2 What Else You Need

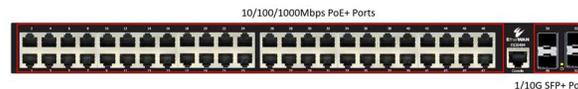
- Category 5 or better Ethernet cables
- Small form-factor pluggable (SFP) optical transceiver modules for optional fiber connectivity
- PC with an Ethernet (RJ45) interface and a web browser for configuration

3 Select a Location

- Desktop installations: Mount on a flat table or shelf surface.
- Rack installations: Use a 19-inch 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 0 and 40°C (32 and 104°F).
- Do not cover fans on the rear and side.
- 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



Forty-Eight Gigabit RJ45 Ports

The switch is equipped with 48 10/100/1000 Mbps RJ45 ports that provide IEEE802.3at Power over Ethernet (PoE+), with up to 30W per port (450W or 860W total PoE power budget depending on the model). These ports can be connected to PoE devices such as IP surveillance cameras or Voice Over Internet Protocol (VoIP) phones.

- 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.

Four 10-Gigabit SFP Ports

Ports 49 through 52 are dual-rate 1-gigabit or 10-gigabit SFP+ ports.

5 Apply AC Power

- Connect the female end of the supplied AC power adapter cable to the power receptacle on the switch rear panel. Connect the other end to a grounded 3-pronged AC outlet.
- On the switch rear panel, move the ON/OFF switch to the ON position.

When you apply AC power:

- The fans start.
- The orange **Power** LED goes ON.
- The **Link/ACT** LEDs turn on for every port connected to a powered device.

6 Configure the Switch

After the switch boots up, perform a basic configuration of the switch.

- Connect an available RJ45 switch port to a PC using a Category 5 or better Ethernet cable.
- Confirm that the **Link/ACT** LED for the switch port to which the PC is connected is ON.
- Configure the PC's TCP/IP settings to use the subnet 192.168.1.1.
- In a Web browser, type the default IP address of <http://192.168.1.10> in the address bar and press Enter.
- Upon initial log in, a new password must be set before configuration changes can be saved.
- At the User Log In popup, type **admin** for both the User ID and default password, and then click **Sign In**.

When logging into the management Web GUI for the first time, the system will ask you to change the login password immediately. To change the password, please click the “admin” hyperlink as shown:

Users Configuration

User Name	Privilege Level
admin	15

Add New User

Press the scroll-down menu and set the “Change Password” field to “Yes”.

Edit User

User Settings	
User Name	admin
Change Password	No
Privilege Level	No

Note:

Type in the new password twice and press the “Save” button.

Edit User

User Settings	
User Name	admin
Change Password	Yes
Password	*****
Password (again)	*****
Privilege Level	15

Note:

1. Username & Password can be alphanumeric
2. Password must be complex, with a minor numeric, and special characters.

Save Reset Cancel

Minimum 8 characters and maximum 35 characters in password length without leading or trailing blanks.

The password must contain characters from the following categories:

1. Uppercase English letters, (A to Z)
2. Lowercase English letters, (a to z)
3. Numbers, (0 to 9)
4. Non-alphanumeric characters (e.g. @, #, !)

G. Go to **Configuration->System->IP** and perform one of these steps:

- If your network uses a DHCP server, check Enable under **DHCPv4**.
- If your network uses static IP addresses, enter the switch’s **IP address** under **IPv4**.

H. Click **Save** to save the settings to the running configuration. If current settings are not saved as startup config, all current settings will be lost when the switch is rebooted. To save the settings to the startup configuration, go to **Maintenance->Configuration->Save startup-config** and click **Save Configuration**.

- Connect to the switch console using a RJ45 to DB9 console cable (RJ45 pinout shown below) to the RJ45 console port of the switch and to the serial port of the PC running a terminal emulation application (such as Putty).
- Configuration settings of the emulator: Baud rate: 115,200bps, Data bits: 8, Parity: none, Stop bit: 1, Flow control: none.

9 Front Panel LEDs

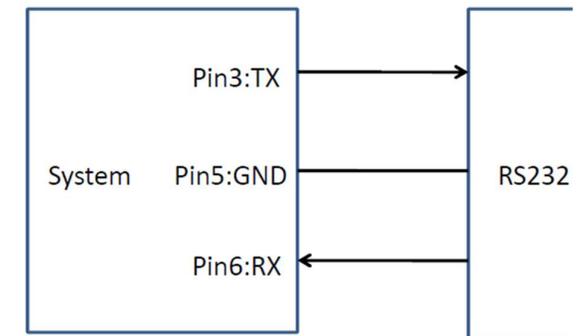
LED	Color	Status
PoE	Orange	ON = Power Device (PD) is connected.
RJ45 (per port)	Green	ON = valid network connection. Flashing = port is sending or receiving data.
SFP+ (per port)	Green	ON = fiber connection. Flashing = port is sending or receiving data.

7 Factory Reset

To reset the device back to factory default settings, connect port 1 and 2 with an Ethernet cable within 1 minute of the device booting up.

In the first minute after boot-up, packets will be transmitted from port 1. If the packets are received by port 2, the switch will be reset to default settings.

8 Console Configuration



The new password must meet the following complexity requirements: