EX17908 Web-Smart Switch Installation Guide

EtherWAN

1 Unpacking

Unpack the items. Your package should include:

- One EX17908 Web-Smart switch
- One external power adapter
- One CD containing this user's guide

If items are missing or damaged, notify your EtherWAN representative. Keep the carton and packing material.
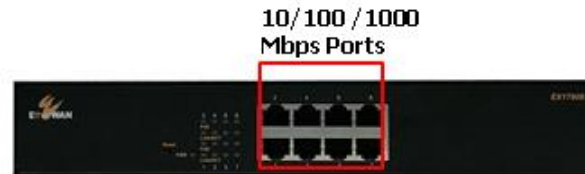
2 What Else You Need

- Category 5 or better Ethernet cables
- Notebook PC with Ethernet (RJ-45) Interface and installed Web browser

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 0 and 40ºC (32 and 104ºF).
- 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

The switch provides eight 10/100/1000 Mbps RJ-45 ports that can connect to Power over Ethernet (PoE) devices, such as an IP surveillance camera or a Voice Over Internet Protocol (VoIP) phone.

A. Insert one end of a Category 5 or better Ethernet 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.

5 Apply AC Power

A. 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.

B. On the switch rear panel, move the ON/OFF switch to the ON position.
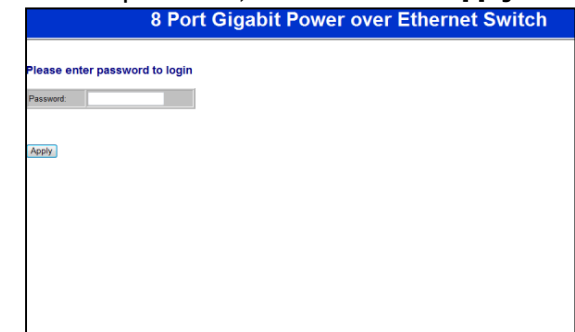
When you apply AC power:

- All green **PoE** and **Link/ACT** LEDs blink momentarily.

- The fans start.
- The yellow **Power** LED goes ON.
- The **Link/ACT** LEDs for every port connected to a device flash, as the switch conducts a brief Power On Self-Test (POST).

6 Configure the Switch

After the switch passes its POST, perform a basic configuration of the switch.

A. Connect an available 10/100/1000 Mbps RJ-45 switch port to a PC using a Category 5 or better Ethernet cable.

B. Confirm that the **Link/ACT** LED for the switch port to which the PC is connected is ON.

C. Configure the PC's TCP/IP settings to use the subnet 192.168.2.2.

D. In a Web browser, type http://192.168.2.1 in the address bar and press Enter.

E. At the Password screen, type **admin** as the default password, and then click **Apply**.

Continued on next page

F. At the Web management interface, click **Configuration > System**.

Click here ➡

Configuration

System
Ports
VLANs
Aggregation
RSTP
IGMP Snooping
Mirroring
Quality of Service
Power over Ethernet
Storm Control

Monitoring

Statistics Overview
Detailed Statistics
RSTP Status
IGMP Status
Ping

Maintenance

Warm Restart
Factory Default
Software Upload
Configuration File Transfer
Logout

G. At the System Configuration page:

- If your network uses a DHCP server, check **DHCP Enabled**.

- If your network uses static IP addresses, do not check **DHCP Enabled.** Then complete the following fields:

  Fallback IP Address = enter switch's IP address.
  Fallback Subnet Mask = enter switch's subnet.
  Fallback Gateway = enter switch's gateway setting.

- **Name** = enter a new username.

- **Password** = enter a new password.

H. Click **Apply**.

Username and password are case-sensitive. Permitted characters are a-z, A-Z, 0-9, underscore, and plus, minus, and equals signs.

System Configuration

MAC Address	00-e0-b3-34-90-48
S/W Version	V131104
H/W Version	1.0
Active IP Address	192.168.2.1
Active Subnet Mask	255.255.255.0
Active Gateway	192.168.2.254
DHCP Server	0.0.0.0
Lease Time Left	0 secs

DHCP Enabled	☐
Fallback IP Address	192.168.2.1
Fallback Subnet Mask	255.255.255.0
Fallback Gateway	192.168.2.254
Management VLAN	1
Name	
Password	•••••
Inactivity Timeout (60~10000 secs)	60
SNMP enabled	☑
SNMP Trap destination	0.0.0.0
SNMP Read Community	public
SNMP Write Community	private
SNMP Trap Community	public

Apply   Refresh

7 Front Panel LEDs

LED	Color	Status
Power	Yellow	ON = switch is receiving power.
PoE (port number)	Green	ON = Power Device (PD) is connected.
		OFF = PD is disconnected.
Link/ACT (port number)	Green	ON = valid network connection.
		OFF = no data transmission on port.
		Flashing = port is sending or receiving data.

Congratulations! You have successfully performed a basic installation. For advanced configuration information, refer to the user guide.