EX17008 Web-Smart Switch Installation Guide

1 Unpacking

Unpack the items. Your package should include:

- One EX17008 Web-Smart switch
- One AC power cord
- 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 is equipped with eight 10/100 Mbps RJ-45 port that provide IEEE802.3at Power over Ethernet (PoE), with up to 30 Watts per port (50 - 57VDC, 600mA Max.) These ports can be connected to PoE devices such as IP surveillance cameras or Voice Over Internet Protocol (VoIP) phones.

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 cord to the power receptacle on the switch rear panel. Connect the other end to a grounded 3-pronged AC outlet.
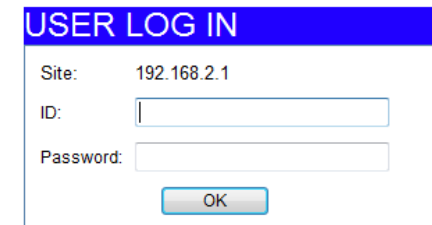B. On the switch rear panel, move the ON/OFF switch to the ON position.

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 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 User Log In screen, type **admin** for the ID (username)and password (both are case sensitive), and then click **OK**.
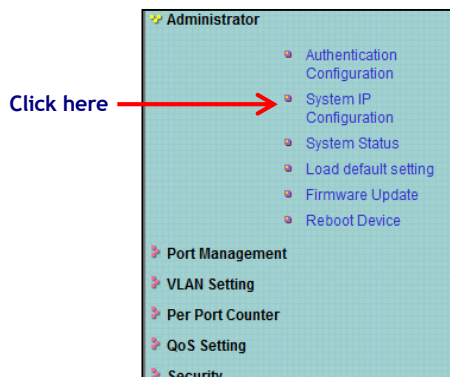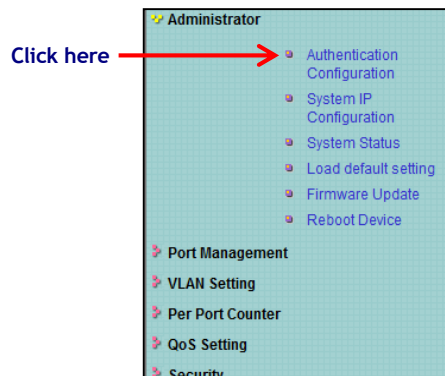

F. In the left pane, click **Administrator > System IP Configuration**.

Click here ➝

G. At the System IP Configuration page, perform one of these steps next to **IP Configure**:

- If your network uses a DHCP server, click **DHCP**.

- If your network uses static IP addresses, click **Static**. Enter the switch's **IP Address, Subnet Mask,** and **Gateway** settings.

System IP Configuration

Setting	Value
IP Address	192 . 168 . 2 . 1
Subnet Mask	255 . 255 . 255 . 0
Gateway	192 . 168 . 2 . 254
IP Configure	◉ Static ○ DHCP
	Update

H. Click **Update**.

I. In the left pane, click **Administrator > Authentication Configuration**.

Click here ➝

J. At the Authentication Configuration page, complete the following fields:

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

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

- **Confirm** = re-enter the new password.

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

Authentication Configuration

Setting	Value	
Username	admin	max:15
Password Confirm	••••• •••••	max:15
	Update	

K. Click **Update**.

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.