COMTREND

Quick Install Guide

ES-7246PoE| 8-Port PoE+ Lite-Smart Fast Ethernet Switch

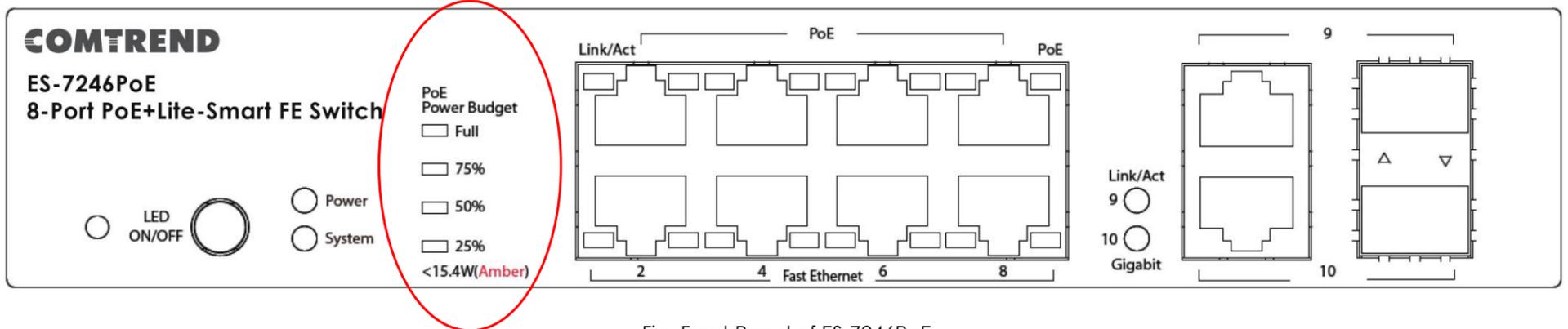## A Understanding the PoE+ Switch

Fig. Front Panel of ES-7246PoE

B Plug and Play Setup

✓ **Power on the Switch:**

Power on the Switch before plugging in any Ethernet cables, the system will go through a Power-On-Self-Test (POST) with the LEDs lighting Green or Amber in color. After completing the POST, the LEDs will remain in a lit state as indicated in the table below.

LED Indication		Color / State	Description
Power		Green On	The device is powered on.
PoE Power Budget	Full	Green On	Available POE power is as indicated.
	75%	Green On	
	50%	Green On	
	25%	Green On	
System		Amber On	Device passed POST and ready for login.

✓ **Plug in the Ethernet cables:**

The ES-7246PoE switch will automatically communicate with devices that support PoE standard IEEE 802.3af/at. Use the "**PoE Power Budget**" LED indicators on the front panel to visualize the PoE Power Budget Remaining.

| LED Indication		Color / Status	Description
PoE Power Budget	LED Full, 75%, 50%, 25%	(4 LEDs) Green On	No PoE Power Budget is consumed.
	LED 75%, 50%, 25%	(3 LEDs) Green On	100 % > remaining PoE Power Budget >= 75%
	LED 50%, 25%	(2 LEDs) Green On	75 % > remaining PoE Power Budget >= 50%
	LED 25%	Green on	50 % > remaining PoE Power Budget >= 25%
	LED 25%	Amber On	25 % > remaining PoE Power Budget >= 15.4W
	LED 25%	Amber Blinking	PoE Power Budget remaining is <15.4W

C   Setup for Surveillance
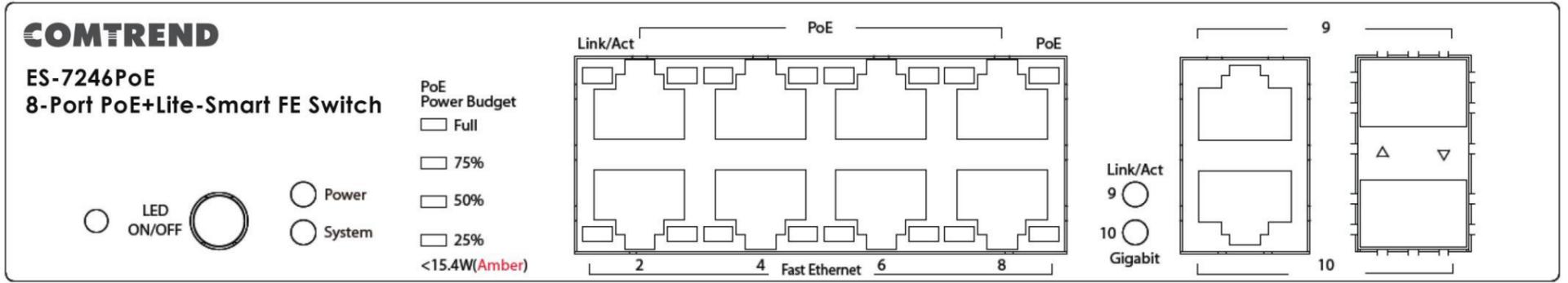
Fig. Front Panel of ES-7246PoE

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✓ **Log into the Switch:**

Connect a PC to any port of the Switch. Make sure the LAN setting of the PC are set to work in the same subnet as the Switch. The Switch has a default IP address of **192.168.2.1.** Type the IP address of the Switch (**Default IP address is 192.168.2.1**) in the WEB Browser of the PC. You will then be prompted to enter an ID and Password so that you can log into the Switch. The default ID is **"admin"** and the default Password is **"system"**. Press **"OK"** to login. You will see the welcome page with **"System Information"**.
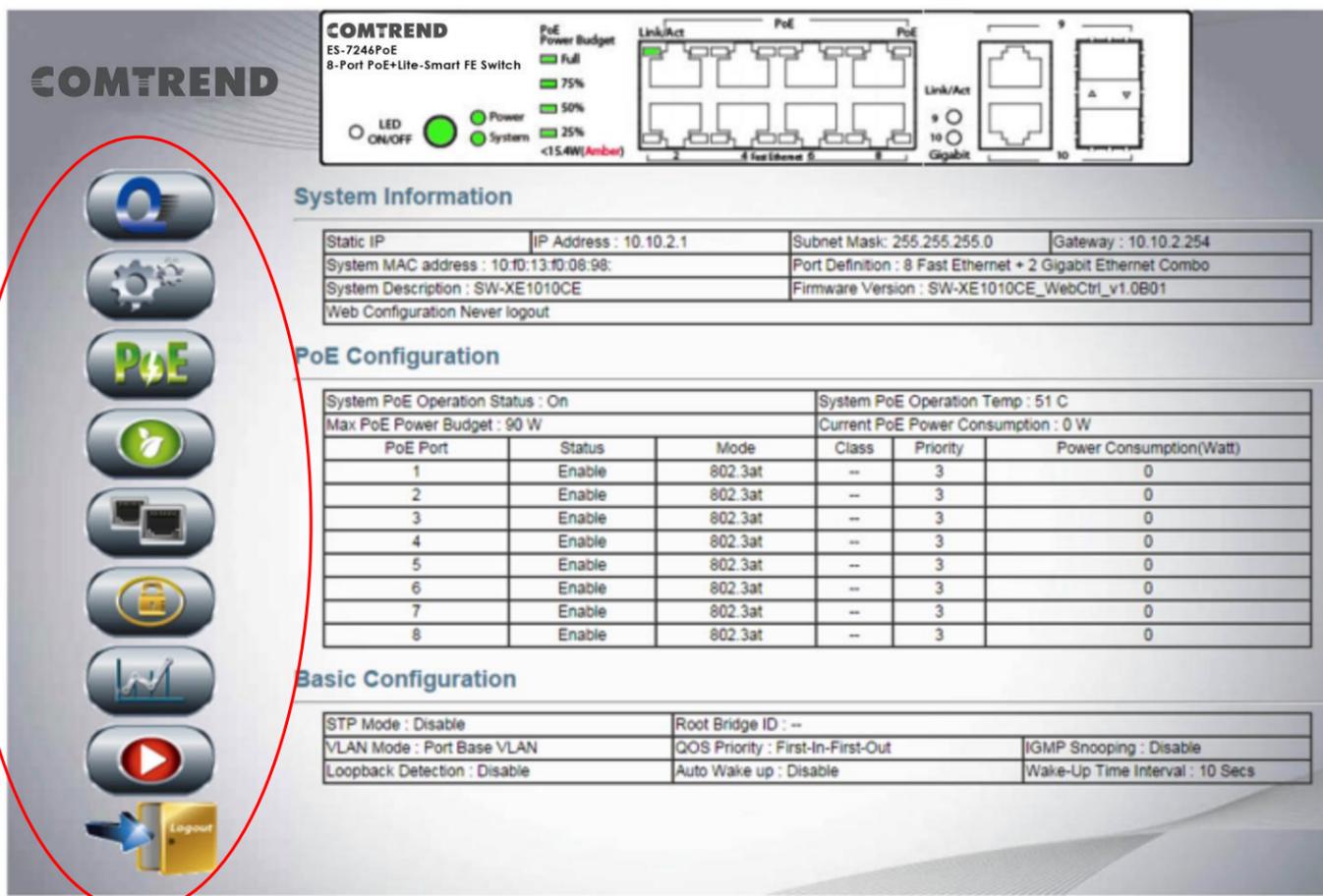

Fig. Web Page of "System Information"

✓ This page displays most of the important information that may be needed for Installers or Network Administrators. Select on icon of the left panel to configure those features.

D Setup for IP Surveillance

Fig. IP Surveillance Quick Setup

✓ **IP Surveillance Quick Setup** only 3 steps are necessary to complete your surveillance network installation.

Step 1: **Connect** the IP Camera, NVR, and PC as "Figure. IP Surveillance Quick Setup"
Step 2: **Enable** and **Apply** "IP Surveillance VLAN"
Step 3: **Start** the "Discover Surveillance Device"

Once completed, all Comtrend Surveillance Cameras will be securely bound and all the surveillance video will flow securely to ports 9 and 10 on the Switch.

E   **Your device is now setup!**

F   **Miscellenous**

What is IP Surveillance VLAN?

Enabling IP Surveillance VLAN will forward the video streams from ports 1-8 directly to the uplink ports 9 & 10. Source ports 1-8 are not allowed to communicate to each other. This is to prevent network snooping.

What is Discover Surveillance Device?

Use this feature to initiate the discovery process to find and setup the connected Comtrend surveillance devices.

After discovered IP Camera (generally with default IP address 192.168.2.1), automatically its IP setting will be modified to ensure all IPCAMs and Switch are in the same working subnet. See result from page **"Security" ➔" MAC + Port Binding "**.
Furthermore, Security feature will be also enabled, MAC + Port Binding prevent IPCAM device from malicious replacement.

FOR MORE HELP: For instructions on advanced features, FAQs, etc., please visit our online Product Webpage:
http://us.comtrend.com/products/public/product/service-provider/es-7246poe.html

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