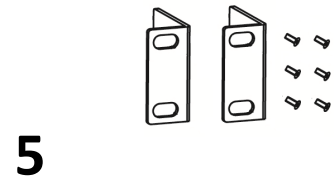
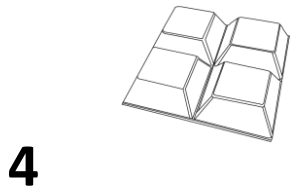
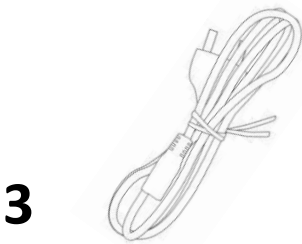


## Quick Installation Guide

GS-7508 | 8-Port PoE Gigabit Ethernet Switch

### I Product Information

#### I-1. Package Contents



**1.** GS-7508 PoE Switch

**2.** Quick Installation Guide

**3.** Power Cable

**4.** 4 x Foot Pads

**5.** Rack-Mount Kit

## I-2. Hardware Overview

### Front Panel

The front panel of the switch consists of:

- 8 x 10/100/1000Mbps PoE-Capable RJ-45 Ports
- Dip Switch Panel
- PoE Alert LED
- PWR LED
- Port LED Indicator Bank



### Rear Panel

The rear panel of the switch consists of:

- Power Cord Port (DC IN 54V / 1.3A)



### I-3. DIP Switch Definition

DIP Switch	Status	Description
1 (Extend)	On	This mode makes the PoE Ports 1-2 operate at auto-negotiation 10Mbps speed duplex mode only, but the delivery distance of PoE power and network data can reach 200m.
	Off (Default)	This mode makes the PoE Ports 1-2 operate as a general switch.
2 (Extend)	On	This mode makes the PoE Ports 3-4 operate at auto-negotiation 10Mbps speed duplex mode only, but the delivery distance of PoE power and network data can reach 200m.
	Off (Default)	This mode makes the PoE Ports 3-4 operate as a general switch.
3 (VLAN)	On	This mode makes the PoE switch operate as a <b>VLAN isolation</b> switch and ports 1-4 will isolate respectively. Ports 1-4 can only communicate with port 5 (uplink port).
	Off (Default)	This mode makes the PoE switch operate as a general switch.
4 (QoS)	On	This mode makes the PoE switch operate as a QoS switch, it follows the 802.1p QoS, video and voice with high priority.
	Off (Default)	This mode makes the PoE switch operate as a general switch.
5 (Extend)	On	This mode makes the PoE Port 5 operate at auto-negotiation 10Mbps speed duplex mode only, but the delivery distance of PoE power and network data can reach 200m.

	Off (Default)	This mode makes the PoE port 5 operate as a general switch.
<b>6 (Extend)</b>	On	This mode makes the PoE Port 6 operate at auto-negotiation 10Mbps speed duplex mode only, but the delivery distance of PoE power and network data can reach 200m.
	Off (Default)	This mode makes the PoE port 6 operate as a general switch.
<b>7 (QoS)</b>	On	This mode makes the PoE Port 7 operate at auto-negotiation 10Mbps speed duplex mode only, but the delivery distance of PoE power and network data can reach 200m.
	Off (Default)	This mode makes the PoE port 7 operate as a general switch.
<b>8 (VLAN)</b>	On	This mode makes the PoE switch operate as a <b>VLAN isolation</b> switch and ports 5-7 will isolate respectively. Ports 5-7 can only communicate with ports 1, 2, 3, 4, & 8 uplink ports).
	Off (Default)	This mode makes the PoE switch operate as a general switch.

Please note, after turning ON the DIP switch you will have to reboot the switch.

#### I-4. LED Indicator

PWR:

LED Status	Mode	Description
Green	On	Power on
Off	Off	Power off or fail

PoE Alert:

LED Status	Mode	Description
Green	On	PoE power output over the 90% PoE power
Off	Off	PoE power output under the 90% PoE power

Ethernet Port (Lower Port LED Indicator Bank):

LED Status	Mode	Description
Green	On/Blinking	1000Mbps connected/data transmitting
Amber	On/Blinking	10/100Mbps connected/data transmitting
Off	Off	Disconnected or fail

PoE Power (Upper Port LED Indicator Bank):

LED Status	Mode	Description
Green	On	PoE power output on
Off	Off	PoE power output off

### I-5. Desktop Installation

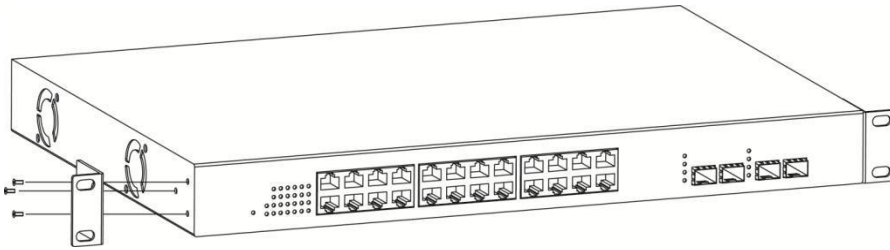
Install the switch on a desktop by attaching the cushioning rubber feet to the bottom corners of the switch to protect against external vibration. Allow adequate space for ventilation between the device and any objects around.



## I-6. Rack-Mounting Installation

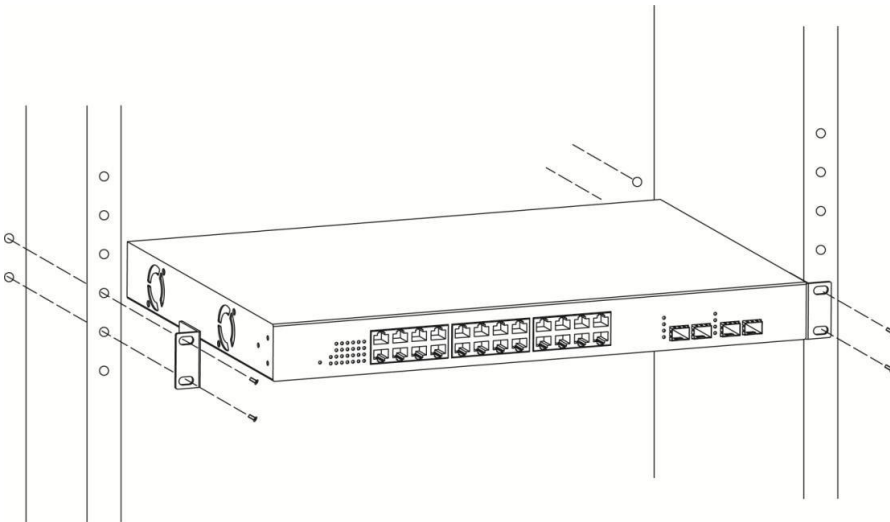
The switch can be mounted in an EIA standard-sized 19-inch rack that can be placed in a wiring closet with other equipment. To install the switch, please follow these steps:

1. Attach the mounting brackets on the switch's side panels (one on each side) and secure them with the screws provided.



### ***Bracket Installation***

2. Use the screws provided with the equipment rack to mount the Switch on the rack and tighten it.



### ***Rack Installation***

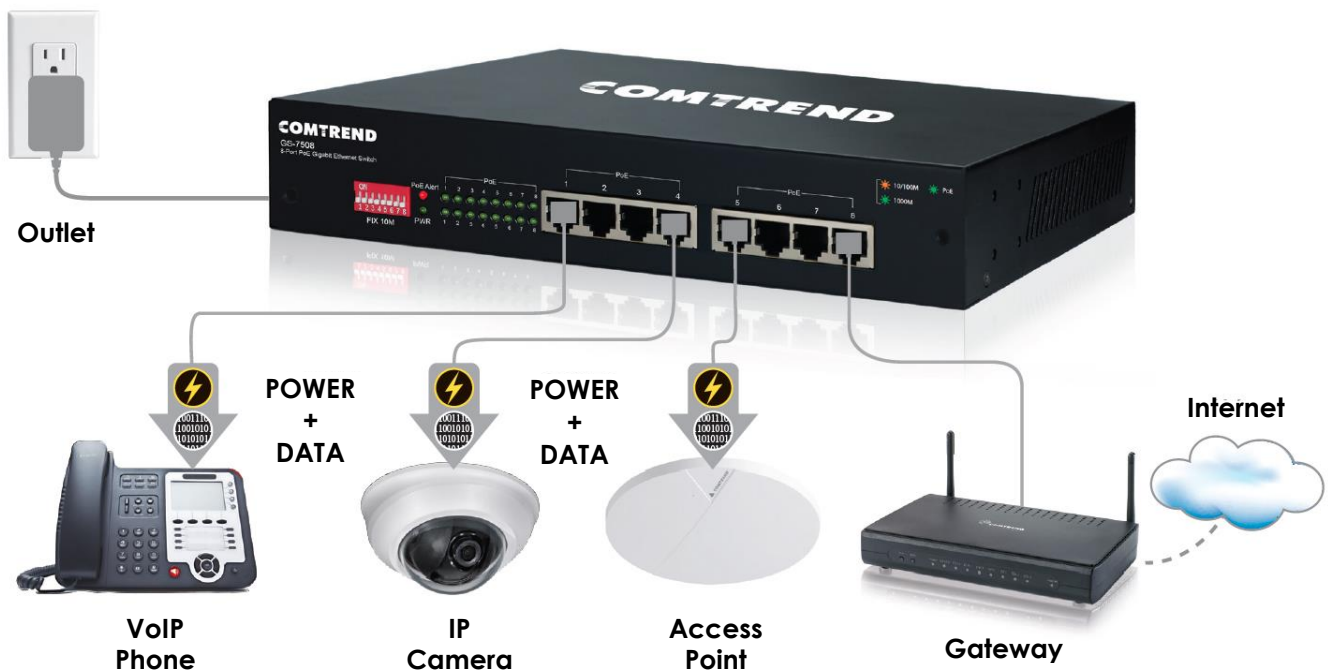


## Quick Setup

### II-1. Switch to End Device

1. Connect the switch to local power with the included power cable.
2. Use a standard Cat5/5e Ethernet cable to connect the switch to end devices as shown below. Switch ports will automatically adjust to the link rate of the device to which it's connected. Any port can be used to uplink to an existing network.

### Application Diagram





## Your Device is Now Connected!



## Troubleshooting

The following information should help you diagnose basic setup or installation problems.

**Power LED is OFF:** If the **Power LED** fails to light up, then check if the power cord is properly connected to external power adapter and the power source. Make sure the DC power jack is firmly plugged into the power socket of the switch.

**Link/Activity (LNK/ACT) is OFF:** If the **LNK/ACT LED** fails to light up when connected to devices, then ensure that the network device attached to the switch is powered on. You can also check the network cable and ensure it is properly connected to the switch and the network device. Lastly, check the network cable and ensure the UTP cable complied with EIA/TIA 568 and Category 5 specifications.

**FOR MORE HELP:** For instructions on advanced features, FAQ, etc., please visit our online Product Webpage.

### For more information:

YouTube: <https://www.youtube.com/user/ComtrendConnection>

Facebook: <https://facebook.com/Comtrend>

Website: <http://us.comtrend.com/>

Support: Visit our website or call 1-877-COMTREND (1-877-266-8736)



## Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

### EMC Warning

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

### Safety

1. This product is designed for indoor use only; DO NOT install the adapter outdoors.
2. DO NOT put this product at or near hot or humid places, e.g. kitchen or bathroom. DO NOT use any spray or liquids on it.
3. DO NOT touch the product with wet hands and DO NOT clean the product with a wet cloth. Use a soft, dry cloth to clean the device.
4. DO NOT expose the product to lit candles, cigarettes, open flames, high or low temperatures, etc.
5. DO NOT pull any connected cable with force; disconnect it from the power first.
6. Ensure proper ventilation, so that air flows freely around the product.
7. If you find that the product is not working properly, please contact your dealer of purchase and ask for help. Do NOT open the casing
8. DO NOT disassemble the product, warranty will be void.

# Supplier's Declaration of Conformity

We

Company: **Comtrend Corporation - North America**

Address: **14 Chrysler, Irvine, CA, 92618**

Certify and declare under our responsibility that the following equipment:

Product Name: **8-Port PoE Gigabit Ethernet Switch**

Model Name: **GS-7508**

Brand Name: **COMTREND**



Is tested with the declaration described above, and is in conformity with the relevant FCC (Federal Communication Commission) standards, and technical specifications have been applied:

**EMC:**

47 CFR FCC Rules and Regulations Part 15 Subpart B , Class B Digital Device

Signature:   
Printed Name: John Castreje  
Departments : Comtrend Corporation - North America  
Position: General Manager of North America  
E-mail : [certify@comtrend.com](mailto:certify@comtrend.com)  
Date: 2018/07/02

**Notes:**

15.19(a)(3) Regulations :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

**Class B :**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.