



**GS-5308:** 8-Port 10/100/1000BASE-T Unmanaged Switch

### Key Features

- 802.3az Energy Efficient Ethernet standard
- Plug-in-Play

### Overview

The GS-5308, the next generation unmanaged switch, from Rubytech, provides a reliable infrastructure for your business network. This switch delivers plug-in-play for use features you need to simply the availability of your business applications, and optimize your network bandwidth to deliver information and applications more effectively. It provides the ideal combination of affordability and capabilities for entry level networking of small business or Branch office of enterprise which demands gigabit and green Ethernet applications, thus helps you to create an easily, flexible workforce.

### Applications

Whether you want to easily implement a network to connect all clients' computers or an application to deliver data, voice, and video services, the GS-5308 provides a solution to fit your requirements. Possible implementation scenarios include:

- **Plug-in-Play and qualify Performance PC or laptop connectivity:**  
The GS-5308 switch can easily to plug-in-play connect clients' PC or laptop in offices with all of the servers, printers, and other networking devices they use. Qualify performance and reliable connectivity will help to speed file transfers and data processing, provides suitable network performance keeps the clients connected and productive.
- **Implement Green Ethernet environment:**  
The GS-5308 switch provides IEEE802.3az EEE for low power consumption and high efficient requirement. It can use for customer build a green Ethernet networking environment.

### Benefits

The GS-5308 provides Plug-in-Play and qualifies performance capabilities. Optimized and customized design and affordable pricing, it best fit for SMB or entry-level enterprise solution. It provides:

- **Qualify performance and reliability:**  
The GS-5308 passed the rigorously testing to deliver excellent performance. As a managed switching solution, it also provides the flexibility to manage and prioritize suitable-bandwidth traffic such as voice, video and data requirement.
- **Easy, simple deployment and Plug-in-Play:**  
The device provides easy plug-in-play feature to implement entry-level switch environment.
- **Energy efficiency:**  
GS-5308 is designed to comply with IEEE802.3az, energy efficient Ethernet protocol, reducing energy costs without compromising performance. Power-saving features include:
  - The latest application-specific integrated circuits (ASICs), using low-power technology, allow for lower power consumption and thinner, more efficient designs.
  - Embedded intelligence to adjust signal strength based on cable length.

**Product Specifications**

Feature	Description					
<b>Performance</b>						
<b>Switching capacity and forwarding rate</b>	<b>Model Name</b>	<b>Capacity in Millions of Packets per Second (mpps) (64-byte packets)</b>		<b>Switching Capacity in Gigabits per Second (Gbps)</b>		
	GS-5308	11.9		16		
<b>Green Ethernet</b>						
<b>Link detection</b>	Compliant with IEEE802.3az Energy Efficient Ethernet Task Force. Automatically turns off power on Gigabit Ethernet RJ-45 port when detecting link down or idle of client. Active mode is resumed without loss of any packets when the switch detects the link up					
<b>Cable length detection</b>	Adjusts the signal strength based on the cable length. Reduces the power consumption for cables shorter.					
<b>General</b>						
<b>Jumbo frames</b>	Frame sizes up to 9KB supported on Gigabit interfaces					
<b>MAC Table</b>	Up to 8K MAC addresses.					
<b>Interface</b>						
<b>Ports</b>	<b>Model Name</b>	<b>Total System Ports</b>	<b>RJ-45 Ports</b>	<b>UTP/SFP Combo</b>	<b>(100/1G) SFP</b>	<b>(1G/10G) SFP+</b>
	GS-5308	8 GbE	8 GbE	--	--	--
<b>Environmental</b>						
<b>Dimensions</b>	197.2(H) x 35.3(W) x 120(D)					
<b>Weight</b>	0.8Kgs					
<b>Power</b>	100-240 VAC 50~60 Hz, internal , universal					
<b>Certification</b>	CE Mark, FCC Part 15 Class A					
<b>Operating temperature</b>	0 to 50 °C					
<b>Storage temperature</b>	-20°C to 70°C					
<b>Operating humidity</b>	10% to 90% , relative, noncondensing					
<b>Package Contents</b>						
<ul style="list-style-type: none"> <li>• Switch</li> <li>• Power Cord</li> <li>• Mounting Kit (Option)</li> <li>• CD-ROM with QIG (Quick Install Guide)</li> </ul>						
<b>Minimum Requirements</b>						
<ul style="list-style-type: none"> <li>• Category 5 Ethernet network cable</li> </ul>						

**Ordering Information**

Model Name	Description
<b>GS-5308</b>	8-Port 10/100/1000BASE-T Unmanaged Switch