

# PG-2008A

## 8-Port Gigabit Switch



### Description



PG-2008A is an L2 unmanaged switch with 8x10/100/1000Mbps ports and each port support auto MDI/MDI-X and auto negotiation for high speed internet and Local Area Network applications. The plug & play feature allows the device to interact with computers, routers, WAPs, and similar devices without extra software installation. The switch built-in flow control, it is to improve network performance for SMB applications in offices.

### Features Highlight

- Auto negotiation**  
 PG-2008A is unmanaged network switch and equipped with 8x10/100/1000Base-T, let the small work groups flexibly connected to the Ethernet. These intelligent port automatically detect network speed and automatic negotiation 1000Base-T, 100Base-TX and 10Base-T, as well as the full duplex and half duplex.
- Traffic control safety transmission**  
 All ports support IEEE 802.3x flow control protocol. This function is when the port's receive buffer is full and sent collision signal, it can maximum limit reduce the packet is discarded. It is provided in full duplex and back-pressure flow control in half duplex.
- Automatic MDI/MDI-X**  
 All ports support auto-negotiation MDI/MDI-X crossover functions. Any port can use normal through twisted-pair cable, easy access to computers, routers, servers, network storages or other network devices.
- Support the store and forward architecture**  
 PG-2008A can maximize the performance of the network, and maximize to decrease the spread of the bad network packets.
- Power adapter**  
 PG-2008A is using a desktop power supply DC 5V/1A, easy to use and there are panel LEDs dynamic display.

### Specifications

Standards	
IEEE 802.3	10Base-T (Ethernet)
IEEE 802.3u	100Base-TX (Fast Ethernet)
IEEE 802.3ab	1000Base-T (Gigabit Ethernet)
IEEE 802.3x	Flow Control (full-duplex flow control)
IEEE 802.3az	Energy-Efficient Ethernet
Interface	
Ports	8 x 10/100/1000Base-T, RJ45 port
LED Panel	PWR, LNK/ACT
Features	
Performance	Switching Capacity: 16Gbps Forwarding Rate: 11.90Mpps Packet Buffer Memory: 1.5Mbits Jumbo Frame size: 9KBytes MAC Address: 4K Transmission Method: Store and Forward
Features	Layer 2 Switch L2 Unmanaged Switch Flow Control, Auto-Nego, Auto MDI/MDI-X
Power	
Power Adapter	Input: 100-240VAC, 50/60Hz Output: 5VDC/1A

Mechanical and Environment	
Operating Temperature	0~40°C
Storage Temperature	-40~70°C
Operating Humidity	10~95% RH (non-condensing)
Storage Humidity	5~95% RH (non-condensing)
Dimension (W x H x D)	154 x 26 x 84 mm
Standards and Certifications	
Standards Compliance	FCC Part 15, Subpart B Class A ANSI C63.4-2014 EN55032: 2015+AC:2016 Class A EN55035: 2017 LVD EN62368-1:2014 EN/IEC/UL 60950-1
Green Product	RoHS
Ordering Information	
PG-2008A	8-Port Gigabit Switch

**Note :**  
\* Specifications subject to change without notice.

