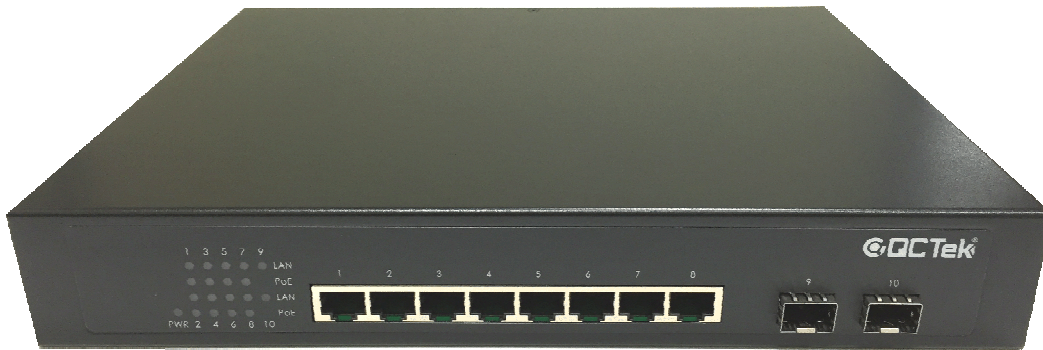


# Operational Manual

## 10-Port GbE Switch with 8-port 802.3at PoE, 2-port SFP



PG-08 series, a 10-port Gigabit PoE+ Switch, is a standard Gigabit Ethernet switch that meets all IEEE 802.3/u/x/z/ab/af/at standards. The switch includes 8-Port 10/100/1000Mbps RJ-45 with PoE+ function and 2-Port Gigabit SFP for Fiber. It is an ideal solution for applications of wireless AP, IP phones and IP cameras.

### Key features

- 8 x RJ-45 ports for Gigabit Ethernet connection with PoE+ capacity
- 2 x SFP ports flexible for fiber connection
- Support Jumbo Frame size up to 9KB
- IEEE802.3at/af Power Over Ethernet
- Plug and play for easy configuration

### Technical Specifications

- **Standard compliance**
  - IEEE 802.3 10Base-T Ethernet
  - IEEE 802.3u 100Base-TX Fast Ethernet
  - IEEE 802.3ab 1000Base-T Ethernet

- IEEE 802.3z 1000Base-X Ethernet
- IEEE 802.3x Flow Control capability
- IEEE 802.3at/af

■ **RoHS Compliance**

■ **Performance**

■ **Switching capacity:**

- 8 Gigabit Ethernet ports with non-blocking wire speed performance.
- 16Gbps switch capacity
- 8 K MAC addresses
- Supports Jumbo frame, up to 9K

■ **PoE Features**

- 8 x IEEE802.3at/af PoE+ PSE ports
- Endpoint with 54VDC power through RJ-45 pin 1, 2, 3, 6
- PoE-PSE activity LED indicator
- Auto detect powered device
- 120 or 250 watts of total power selected

■ **LED Description**

LED	Color	Function
<b>System LED</b>		
PWR	Green	Lit when +5V power is coming up
<b>10/100/1000 Ethernet TP Port 1 to 8 LED</b>		
LAN	Green/ Amber	Lit Green when TP link on 1000Mbps speed Lit Amber when TP link on 10/100Mbps speed Blinks when any traffic is present
PoE	Green	Lit when PoE Power is active
<b>1000SX/LX Gigabit Fiber Port 9, 10 LED</b>		
LAN	Green	Lit when connection with the remote device is good Blinks when any traffic is present Off when module connection is not available

■ **Network Interface**

	Connector	Port
<b>10/100/1000Mbps TP Jack (RJ-45)</b>	TP(RJ-45)	1 to 8
<b>1000Mbps SFP Fiber Module Auto Detection</b>	SFP	9, 10

■ **Hardware Specification**

Feature	Detailed Description
<b>Power Characteristics</b>	<b>Voltage</b> : 100~240 V
	<b>Frequency</b> : 50~60 Hz
	PoE Power : Max. 120W
<b>Ambient Temperature</b>	0° to 40°C
<b>Humidity</b>	5% to 90%
<b>Dimensions</b>	44(H) x 280(W) x 215(D)mm
<b>Weight</b>	2.3kgs
<b>EMI</b>	FCC Part 15 Class B, CE

■ **Application Diagram**

