

## FibRSol – 16-Port GbE Web Smart Switch + 2 Combo GbE Ports w/16 PoE+ Ports

Model: FSG-2218QP-2G

### Highlights:

- ✓ 16 Port 10/100/1000Base-TX
- ✓ +2 GE Combo Ports
- ✓ 16 PoE Ports
- ✓ 260W Internal Power
- ✓ PoE Budget: 220W
- ✓ Web Smart Managed



### Product Overview:

FibRSol FSG-2218QP-2G Web Smart Managed PoE switch provides a reliable infrastructure for your business network. It delivers more intelligent features to improve the availability of critical business applications, protects the sensitive information, and optimizes the network bandwidth to deliver information and applications more effectively. It best fits for SMB or entry-level enterprise solution which demands Industrial, Surveillance, IP Phone, IP Camera or Wireless applications. All in all, the PoE switch provides Security, Performance, Quality of Services, Centrally managed and other network control capabilities.

### General Description:

- ✓ Support 16\*RJ45 Ports
- ✓ +2 \* RJ45/SFP Ports
- ✓ Support 16 PoE Ports,

### Features:

- ✓ IEEE 802.3at
- ✓ IEEE802.3af
- ✓ Support Web UI for configuration
- ✓ Support ONVIF function

## Hardware Spec

### I/O Ports:

16x GbE ports, RJ45  
2x GbE combo ports, RJ45 + SFP slots UP-link  
LED indicators  
4-digit 7-segment LED display  
Reset Button: reset to default setting, re-start system

**PoE Port:** Port# 1~ 16 / IEEE802.3at, IEEE802.3af

### HW Features:

IEEE802.3 10BASE-T / IEEE802.3u 100BASE-TX  
IEEE802.3ab 1000BASE-T / IEEE802.3x / IEEE802.3az EEE  
IEEE802.3at / IEEE802.3af / MAC address Table: 8K  
Packet buffer size: 4.1M / Jumbo Frame: 9K bytes  
Forwarding rate: 26.7Mpps (64 byte package size)

**Switching Capacity:** 36 Gbps

**PoE power pin-out:** Alternative A (Pin 1,2/3,6)

### Power Input:

Internal power supply  
Input: 100-240V AC / Output: 260W

### PoE Power Budget:

- Total PoE power budget: 220W
- Per port PoE power budget: 30W

### 7 segment LED display:

- View total PoE power
- Available PoE power
- PoE power-per port

**Surge Protection:** Support 6kV surge protection on RJ45 port (port 17-18)

**Dimension:** 441mmx196mmx44mm

### Temperature:

Operating: 0 ~ 40°C / Storage: -40 ~ 70°C

### Humidity:

Operating: 10% ~ 90% RH (non-condensing)  
Storage: 5% ~ 90% RH (non-condensing)

## Software Spec

### Status:

System Information / Logging Message / Link Aggregation  
**Port:** Statistics/Error Disabled/Bandwidth Utilization /MAC Table: 8K

### Network:

IP Address: Static / Dynamic  
System Time: SNTP/ Computer/Manual

### Port:

**Port Setting:** State/Speed/Duplex/Flow Control  
**Error Disabled:** Recovery Interval: (ACL/ARP Rate Limit/BPDU Guard / Broadcast Flood/DHCP Rate Limit/Port Security / Self Loop / Unicast Flood Unknown Multicast Flood) **Link Aggregation:** Group/LACP/EEE,  
**Port Setting :**( State/Speed/Flow Control), **Jumbo Frame:** 1518-10000 Byte

**PoE: Global Setting:** (Schedule Status)/Priority Setting/Power Limit/Power Show

### VLAN:

Voice VLAN / Voice VLAN / MAC VLAN

### MAC Address Table:

Dynamic Address / Static Address / Filtering Address

**Spanning Tree:** Property (STP/RSTP/MSTP)

**Discovery:** LLDP

**Security:** RADIUS /Management Access/Authentication manager/Port Security/Protected Port/Storm Control/DoS/DHCP

**ACL:**MAC ACL/ACE IPv4: ACL/ACE, ACL Binding

**QoS:** General/Rate Limit

**Multicast:** General/IGMP/MVR

**Diagnostics:** Mirroring / Ping / UDLD/logging/Traceroute/Copper test/Fiber Module

**Management:**User Account/Firmware/Configuration/SNMP

## Ordering Information:

Model	Description
FSG-2218QP-2G	16 Port10/100/1000 Base-Tx + 2 GE Combo Ports +2 SFP Ports, w/16 PoE Ports, 260W Internal Power, PoE Budget-220W, (Web Smart Managed)