



Model: FS1018PS1

# 16-Port 10/100M PoE+ Switch with 2 Uplink GbE and 1 Uplink SFP Slot

16

PoE+ Ports

200W

Power Supply

Watchdog





# Highlights

A rack-mounted 18-port PoE switch with 200W power supply and a silent cooling system, featuring independant control switch for Extend, VLAN, Watchdog feature.

- 16× FE with 802.3at/af Mode A PoE
- 2× Uplink GbE + 1× Uplink SFP
- 200W Power Supply
- Extend/VLAN/Watchdog On/Off
- Desktop, Rack-Mount
- 270×182×44 mm (10.63×7.17×1.73")

# Package Content

- FS1018PS1
- Power Cord
- Mounting Kit
- Installation Guide

# Specifications

|             |                                |                                                                                                                                                                      |
|-------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces  | Physical Buttons               | Extend On/Off                                                                                                                                                        |
|             |                                | VLAN On/Off                                                                                                                                                          |
|             |                                | Watchdog On/Off                                                                                                                                                      |
|             | Physical Buttons Note          | The PoE Watchdog will attempt to reboot the plugged-in clients that have been inactive for 5 minutes. Do not turn it on for clients with online auto-upgrade feature |
|             | Gigabit SFP Slots              | 1                                                                                                                                                                    |
|             | Gigabit RJ45 Ports             | 2                                                                                                                                                                    |
|             | 10/100 Mbps RJ45 PoE Ports     | 16                                                                                                                                                                   |
|             | Max Power on a Single PoE Port | 30W                                                                                                                                                                  |
|             | PoE Port Notes                 | PoE ports support 802.3at/af standards. Intelligent Power Management: Automatically disconnect the lastly powered device when power exceeds budget.                  |
|             | Extend Mode Ports              | #9~#16                                                                                                                                                               |
|             | VLAN Mode Ports                | #1~#16                                                                                                                                                               |
|             | LED                            | Power                                                                                                                                                                |
|             |                                | Link/ACT of Each Ethernet Port                                                                                                                                       |
|             | Power Input                    | AC Inlet                                                                                                                                                             |
| Performance | Copper Speed and Distance      | Cat. 3 or higher cable: 100 meters at 10 Mbps                                                                                                                        |
|             |                                | Cat. 5 or higher cable: 100 meters at 100 Mbps                                                                                                                       |
|             |                                | Cat. 5e or higher cable: 100 meters at Gigabit                                                                                                                       |
|             |                                | Cat. 5e or higher cable: 250 meters at 10 Mbps                                                                                                                       |



# Specifications

|             |                                |                                                                    |
|-------------|--------------------------------|--------------------------------------------------------------------|
| Performance | Copper Speed and Distance Note | 250-meter transmission is only available on the Extend Mode ports. |
|             | Optical Spec and Distance      | Depends on the Installed Optical Module                            |
|             | MAC Address Table              | 2048                                                               |
|             | Max Switching Capacity         | 9.2 Gbps                                                           |
|             | Max Forwarding Rate            | 6.844 Mpps                                                         |
|             | Jumbo Frame                    | 2 KB                                                               |
|             | Packet Buffer                  | 2 Mbit                                                             |
|             |                                |                                                                    |
| Power       | Power Methods                  | AC                                                                 |
|             | AC                             | 100-240V 50/60Hz                                                   |
|             | Max Power Consumption          | 200W                                                               |
|             | Max Power Excluding PoE        | 6W                                                                 |
| Switching   | 802.3 Protocols                | 802.3i 10BASE-T                                                    |
|             |                                | 802.3u 100BASE-TX                                                  |
|             |                                | 802.3ab 1000BASE-T                                                 |
|             |                                | 802.3z 1000BASE-X                                                  |
|             |                                | 802.3x Flow Control                                                |
|             |                                | 802.3af PoE                                                        |
|             |                                | 802.3at PoE                                                        |

|                                           |                            |                                           |
|-------------------------------------------|----------------------------|-------------------------------------------|
| Reliability                               | Grounding Methods          | Three-Prong Plug                          |
|                                           |                            | Grounding Point                           |
|                                           | Lightning/Surge Protection | RJ45: CM 4kV                              |
|                                           |                            | Power: DM 2kV, CM 4kV                     |
|                                           | ESD Contact Protection     | 6kV                                       |
|                                           | ESD Air Protection         | 8kV                                       |
|                                           | Environment                | Operating Temperature: 0~40°C (32~104°F)  |
|                                           |                            | Storage Temperature: -40~70°C (-40~158°F) |
| Operating Humidity: 10~90% non-condensing |                            |                                           |
| Storage Humidity: 10~95% non-condensing   |                            |                                           |
| Mechanical                                | Dimension                  | 270×182×44 mm                             |
|                                           |                            | 10.63×7.17×1.73 inches                    |
|                                           | Casing Material            | Metal                                     |
|                                           | Installation               | Desktop                                   |
|                                           |                            | Rackmount via Brackets                    |