

PFS5428-24GT

28-Port L2+ Managed Gigabit Switch with 4-Port 10G SFP+



- All-gigabit port design (10 gigabit uplink port)
- Supports STP, RSTP, and MSTP
- IEEE802.1Q-based VLAN configuration
- Manual link aggregation and static LACP
- Fanless design for low noise and long service life
- WEB management
- Desktop mount and rack mount



System Overview

The device is a L2+ switch. Equipped with high performance switching engine and large buffer memory, it features low transmission delay and high reliability. The solid and sealed all-metal case design and efficient surface heat dissipation make it can work in the environment from -20 °C to +55 °C. The protection for power input end overcurrent, overvoltage and EMC can effectively resist the interference from static electricity, lightning, and pulse. Redundant power supply guarantees stable operation for the system. With Telnet, WEB management, SNMP and other functions, the device can be remotely managed. It can directly connect to iLinks-View.

Functions

Minimal WEB

The minimalist graphical WEB design makes it easy to operate, improving configuration efficiency.

Non-blocking Video Transmission

The large buffer memory increases its concurrent data processing capacity, and guarantees real-time video transmissions, regardless of transient large video stream.

Fanless Design

The fanless design reduces noise, enhances user experience, reduces mechanical losses and improves service life.

Fast Loop Convergence

Supports ERPS protocol to provide loop protection. Convergence time can be no more than 50 ms when a link disconnection occurs.

Multiple Management Methods

Supports multiple management and login methods such as WEB, CLI, SNMP, SSH and Telnet.

Wide Operating Temperature

Supports working in temperatures between -20°C to +55°C. It has built-in professional mine-proof circuits, which effectively reduce the impact of thunderstorms on network systems and improves system robustness, allowing it to readily adapt to harsh environments.

Scene

The device is applicable for use in different scenarios, including corridors and offices.

Technical Specification

Hardware

Standard Power Supply	Yes
Ethernet Port	24
Optical Port	4
Ethernet Port Speed	10 Mbps/100 Mbps/1000 Mbps
Optical Port Speed	1 Gbps/10 Gbps
Function Port	Port 1-24: 24 × RJ-45 10/100/1000 Mbps Port 25-28: 4 × SFP + 1/10 Gbps
Console Port	1
Modular/Fixed	Fixed
Power Supply Mode	100 V~240 V AC, 0.8A
Operating Temperature	-20 °C to +55 °C (-4 °F to +131 °F)
Operating Humidity	10%~90% (RH)
Power Consumption	12 W

Performance

Layer	L2+
Managed	Yes
Switching Capacity	128 Gbps
Packet Forwarding Rate	96 Mpps
Packet Buffer Size	32 Mbits
Communication Standard	IEEE 802.3 10 Base-T; IEEE 802.3u 100 Base-TX ; IEEE 802.3ab 1000 BASE-T ; IEEE 802.3z 1000 Base-X

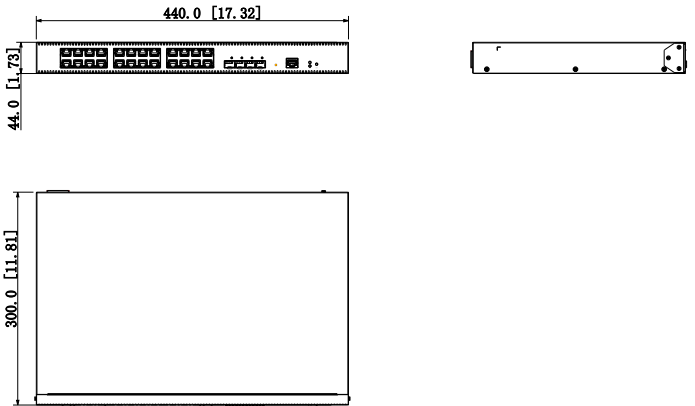
MAC Table Size	32K
PoE	
Jumbo Frame	9,000 bytes
Spanning Tree Protocol	ERPS
VLAN Function	Yes
Flow Control	Enabled by default
Link Aggregation	Static link aggregation; LACP
Port Mirroring	Multiple-to-one port mirroring
Multicast	Yes
DHCP Function	DHCP client DHCP-Server DHCP-Relay
Security	Port-based MAC address binding IEEE 802.1x port authentication
QoS	Priority 802.1P, DSCP
Maintenance	One-click restore to default settings Uploading/downloading configuration files Software upgrade System logs
Device Management	Web (HTTP and HTTPS); Telnet; SSH; SNMP V1/V2C/ V3

General

Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
Lighting Protection	Common mode: 4 kV Differential mode: 2 kV
Net Weight	3.15 kg (6.9 lb)
Gross Weight	4.17 kg (9.2 lb)
Product Dimensions	440 mm × 300 mm ×44 mm (17.3" × 11.8" × 1.7") (L x W x H)
Packing Dimensions	527 mm × 412 mm × 112 mm (20.7" × 16.2" × 4.4") (L x W x H)

Ordering Information		
Type	Model	Description
SFP module	PFT3950	1.25G 850nm,500m,LC, Multi-mode
	PFT3960	1.25G 1310/1550nm,20km,LC, Single-mode
	PFT3970	1.25G 1550/1310nm,20km,LC, Single-mode

Dimensions (mm[inch])



Installation

