alhua
TECHNOLOGY

PFS4218-16GT-240
16-Port PoE Gigabit Managed Switch

Features

· Layer 2 network management PoE switch
· Support IEEE802.3af, IEEE802.3at standard
· Support Hi-PoE 60W
· Network Redundancy: STP/RSTP/MSTP
· Support IPv4/IPv6, and DHCP
· Network management based on SNMP
· Configuration: Web, Telnet, CLI Command
· QoS (IEEE802.1p/1Q), CoS/ToS to Increase Determinism
· Enhanced Network Security with IEEE802.1X, SNMP v1/v2c/v3, HTTPS, and SSH/SSL
· Large data cache(4M), real-time transmission
· MAC auto study and aging, MAC address list capacity is 8K
· Extended mode reach to 250m.
· EMC high protection design

Technical Specification

Model	DH-PFS4218-16GT-240
Ethernet Port	16*10/100/1000 Base-T (PoE power supply) 2*100/1000 Base-X(uplink ports)
RS232 Serial Console	1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1
PoE Power Consumption	Port1 and port 2 support Hi-PoE 60W Each power ≤30W, Total≤240W
PoE Protocol	IEEE802.3af, IEEE802.3at, Hi-PoE
Switching Capacity	52Gbps
Packet Forwarding Rate	23.81Mpps
Packet Buffer Memory	4Mb
Application Humidity	5%~95%
Power	AC100-240V, 50/60Hz
Lightning Protection	6KV
Working Temperature	-10°C~55°C
Dimension(W×D×H)	440mm x300mm x44mm

Accessories

Model	
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

Service Characteristics

System	Username / password: admin/admin
	IP Address :192.168.1.110/24
PoE Budget	Total≤240W, each port ≤30W
MAC Table	8K
NTP	Support
DHCP	Support DHCP client/server
	Support DHCP snooping
VLAN	802.1Q Standard VLAN
Port Aggregation	Manual aggregation/LACP
Mirroring	Many-to-one port mirroring
Flow Control	Half-duplex based on back pressure type control; Full duplex based on PAUSE frame
Multicast	IGMP Snooping v1/v2/v3
Security Features	Users management, SSH, HTTPS, SNMP v1/v2/v3, ROMN, ACL, IP source guard, ARP inspection, 802.1x, loop protection
Spanning tree	Support STP/RSTP/MSTP
LLDP	Support
MAC Table	Support MAC address table configuration
QoS	Support QoS base on CoS/DPL/PCP/DEI Each port support 8 output queue Support port shaping Support port tag remarking Support QoS base on DSCP
System Maintenance	Support the configuration file upload/download Support the updated packet upload System log
Network Management	WEB(http protocol), serial, SNMP