

# DH-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
- EMC high protection design

### Technical Specification

|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| Model                  | DH-PFS4218-16GT-240                                                |
| Ethernet Port          | 16*10/100/1000 Base-T (PoE power supply)<br>2*SFP                  |
| RS232 Serial Console   | 1*RS232 in RJ45 connector with console cable,<br>115.2Kbps, 8,N,1  |
| PoE Power Consumption  | Port1 and port 2 support Hi-PoE 60W<br>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   | Common Mode 2KV<br>Differential Mode 1KV                           |
| 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                                                                                                         |
| 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;<br>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<br>Support port shaping<br>Support port tag remarking<br>Support QoS base on DSCP |
| System Maintenance | Support the configuration file upload/download<br>Support the updated packet upload<br>System log                  |
| Network Management | WEB(http protocol), serial, SNMP                                                                                   |

Dimensions (mm)

