

# DH-PFS4218-16ET-240

## 16-Port PoE Switch



### Product Overview

DH-PFS4218-16ET-240 is a dedicated PoE switch for security industry, which is different from general switch. PoE management function realizes power control and real-time port consumption display. It's widely used in surveillance project. DH-PFS4218-16ET-240 also provides 250 meters long distance PoE transmission and 'orange port' for Hi-PoE powered device.

### Technical Specification

|                        |  |
|------------------------|--|
| Model                  | DH-PFS4218-16ET-240  |
| Ethernet Port          | 2*10/100/1000 Base-T (Combo port)<br>2*1000 Base-X (Combo port)<br>16*10/100 Base-T (PoE power supply) |
| PoE Power Consumption  | Port1/2 support Hi-PoE (60W), PoE+, PoE<br>Each power ≤30W<br>Total≤240W                               |
| PoE Protocol           | IEEE802.3af, IEEE802.3at, Hi-PoE   |
| Switching Capacity     | 8.8G   |
| Packet Forwarding Rate | 5.36Mpps   |
| Humidity               | 10%~90%  |
| Power                  | AC 100~240V  |
| Lightning Protection   | Common Mode 4KV<br>Differential Mode 2V  |
| Working Temperature    | -10 C~55 C   |
| Weight                 | 3.51kg   |
| 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 |

### Features

- Layer 2 management PoE switch
- PoE budget: 240W
- Support PoE, PoE+, Hi-PoE
- 'Orange port' support Hi-PoE, can be used with the PoE extender (PFT1300)
- 250 meters long distance PoE transmission
- PoE management, PoE Setting/Event Statistics/Green PoE
- Search and upgrade via ConfigTool
- Support Web management
- High lightning protection design
- Non-blocking video transmission

### Service Characteristics

|                    |  |
|--------------------|--|
| System             | Username / password: admin/admin   |
|                    | IP Address :192.168.1.110/24   |
| PoE Budget         | 240W   |
| MAC Table          | 4K   |
| VLAN               | 802.1Q Standard VLAN   |
| Spanning Tree      | STP<br>RSTP  |
| Port Aggregation   | Static link aggregation<br>LACP protocol   |
| Mirroring          | Many-to-one port mirroring   |
| DHCP               | Support DHCP-Client  |
| Long Distance Mode | "Power & Data" transmission distance up to 250m                                      |
| Flow Control       | Half-duplex based on back pressure type control;<br>Full duplex based on PAUSE frame |
| Security Features  | IP+MAC binding based on port;<br>IEEE802.1x port authentication                      |
| System Maintenance | One-key recovery<br>Support the updated packet upload<br>System log                  |
| QoS                | High and low priority, WRR<br>802.1P, DSCP<br>Support priority according to protocol |
| Network Management | WEB(http and https protocol)<br>Support SNMP V1/V2C/V3                               |
| PoE Management     | PoE setting (real-time port consumption)   |
|                    | PoE event statistics   |
|                    | Green PoE  |