

DH-PFS4226-24GT-370

26-Port Managed Gigabit Switch with 24-Port PoE



Series Overview

The DH-PFS4226-24GT-370 managed PoE switch comes with 24 gigabit PoE ports and 2 gigabit uplink combo ports. Highly reliable, it can carry a full load of 370 W. It also has a strong switching capability and optimizes transmission performance when accessing Ultra HD videos. With its full metal design, the device has great heat dissipation and low power consumption, working in environments ranging from 0 °C to +45 °C (32 °F to 131 °F). It also has powerful network management functions, supporting CLI and various types of web and network management software based on SNMP.

Functions

Intelligent PoE

Provides power consumption control and real-time monitoring to guarantee priority of power supply for important ports and prevent malfunctioning caused by power consumption change. Supports ultra wide power supply, able to adapt to IPC power fluctuation.

All-Gigabit Ports

Designed with large buffer memory and all-Gigabit ports, enabling high-definition access of large stream.

Red Port 90W

The red ports support IEEE802.3af, IEEE802.3at, IEEE802.3bt and Hi-PoE standards, with a maximum output power consumption of 90W per port. Suitable for powering high-power devices.

- Intelligent PoE.
- Red port supports 90W IEEE802.3bt.
- Web management with friendly interface and easy operation.
- 250 m long distance PoE transmission.
- PoE watchdog.
- Large-capacity data cache (4Mbit) for real-time transmission and smooth video.
- All gigabit port design.



Uplink Combo

With two adaptive 10Mbps/100Mbps/1000Mbps RJ-45 ports and 1000Mbps optical ports, the switch provides users with a wide choice of uplink access.

Long Distance PoE

By dialing or enabling long-range transmission on the WEB interface, the transmission distance of a PoE port can be up to 250 m, meeting the requirement of wired transmission (bandwidth reduced to 10 Mbps).

Minimal WEB

Designed with a minimalist graphical WEB, easy to operate, which improves configuration efficiency.

Scene

Applicable to small and micro-scale monitoring networks such as office desktops, schools, hotels, supermarkets and hospitals.

Technical Specification

Hardware

| | |
|-------------------------------|---|
| Included Power Adapter | Yes |
| PoE | Yes |
| Ethernet Port | 24 |
| Ethernet Port Speed | 10/100/1000 Mbps |
| Optical Port Speed | 1000 Mbps |
| Ethernet Port Uplink Speed | 10/100/1000 Mbps |
| Optical Port Uplink Speed | 100/1000 Mbps |
| Description of Function Slots | Port 1-24:24 × 10M/100M/1000MBase-T (PoE) Port 25-26:2 × 10M/100M/1000MBase-T(uplink) (combo) Port 25-26:2 × 1000M SFP(uplink)(combo) |
| Debugging | 1 × Console port |
| Reset Button | 1 |
| Power Supply | 100–240 VAC, 50/60 Hz, 7 A |
| Operating Temperature | 0 °C to +45 °C (32 °F to 131 °F) |
| Operating Humidity | 10%–90% (RH) |
| Storage Temperature | –20 °C to +70 °C (–4 °F to +158 °F) |
| Storage Humidity | 5%–90% (RH), non-condensing |
| Power Consumption | 420 W |

Performance

| | |
|------------------------|--|
| Layer | Layer 2+ |
| Management Type | Web (http and https protocol); CLI; SNMP V1/V2C/V3 |
| Switching Capacity | 56 Gbps |
| Packet Forwarding Rate | 41.7 Mpps |
| Packet Buffer Size | 12 Mbit |
| Jumbo Frame | 10K |
| MAC Table Size | 16K |
| VLAN Number | 4K |
| VLAN Interface | 32 |
| IPv4 Routes | 16 |
| Dynamic ARP | 303 |
| Communication Standard | IEEE 802.3, IEEE 802.3u, IEEE 802.3ab |

Feature

| | |
|----------------------------------|--|
| PoE Protocol | IEEE802.3af/IEEE802.3at/Hi-PoE/IEEE802.3bt |
| PoE Power | Port 1-2 ≤ 90 W, Port 3-24 ≤ 30 W, Total ≤ 370 W |
| PoE Power Consumption Management | Yes |
| PoE Pin Assignment | Yes |

| | |
|--------------------------------|-----------------|
| Long Distance PoE Transmission | Yes |
| Spanning Tree Protocol | STP; RSTP; MSTP |
| VLAN Function | Yes |
| Link Aggregation | Yes |
| Multicast | Yes |
| ARP | Yes |
| Equipment Management | Yes |

General

| | |
|----------------------|---|
| Statics Protection | Air discharge: 8 kV |
| Lightning Protection | Common mode: 6 kV |
| Net Weight | 4 kg (8.82 lb) |
| Gross Weight | 5.0 kg (11.02 lb) |
| Product Dimensions | 440 mm × 290.7 mm × 43.3 mm (17.32" × 11.44" × 1.71") |
| Packaging Dimensions | 522 mm × 415 mm × 75 mm (20.55" × 16.34" × 2.95") |
| Casing Material | Electro Galvanized Steel Sheet |
| Installation | Desktop mount; rack mount |
| Certifications | CE; FCC |

Transmission Performance:

Switch power supply voltage 53V.
CAT5E/CAT6. Max. DC resistance < 10Ω/100m

| Cable(m) | Load Capacity(W) | Bandwidth(Mbps) |
|-----------------|------------------|-----------------|
| IEEE802.3bt 90W | | |
| 100 | 71.3 | 100 |
| 150 | 62 | 10 |
| 200 | 51 | 10 |
| 250 | 40 | 10 |

Hi-PoE 60W

| | | |
|-----|----|-----|
| 100 | 53 | 100 |
| 150 | 50 | 10 |
| 200 | 47 | 10 |
| 250 | 37 | 10 |

IEEE802.3at 30W

| | | |
|-----|------|-----|
| 100 | 25.5 | 100 |
| 150 | 25.5 | 10 |
| 200 | 25.5 | 10 |
| 250 | 25.5 | 10 |

Note: Data from this table was collected by Dahua test lab and is for reference only . If there is inconsistency between field application and the table, the field result shall prevail.

Ordering Information

| Type | Model | Description |
|------------|-------------------|--|
| SFP module | GSFP-1310T-20-SMF | 1.25G 1310/1550nm, 20km, LC, Single-mode |
| | GSFP-1310R-20-SMF | 1.25G 1550/1310nm, 20km, LC, Single-mode |
| | GSFP-1310-20-SMF | 1.25G 1310nm, 20km, LC, Single-mode |
| | GSFP-850-MMF | 1.25G 850nm, 550m, LC, Multi-mode |

Dimensions (mm [inch])

