

# DH-PFS4204-2GT-DP

4-port Gigabit Industrial Switch with 2-port PoE(Managed)



- Support 2 × 10/100/1000 Mbps Ethernet ports and 2 × 100/1000 Mbps fiber ports
- Support VLAN and port aggregation
- Support STP, RSTP, MSTP and ERPS
- Support WEB, CLI and SNMP management

## System Overview

Industrial 2-port PoE switch supports ring network, and is applicable to scenarios with 1 or 2 access points. Featured with industrial wide temperature range, IP40 full metal enclosure, DIN mount, and dual power input backup, it can be widely used in safe cities, scenic spots, transportation, energy, electricity and other harsh outdoor environments.

## Application

Industrial 2-port PoE switch supports ring network, and is applicable to scenarios with 1 or 2 access points. It can be widely used in safe cities, scenic spots, transportation, energy, electricity and other harsh outdoor environments.

## Functions

### Rich port types

2 Ethernet ports with 10/100/1000 Mbps Base-T

2 fiber ports with 100/1000 Mbps Base-X

### Rich L2 features

Support VLAN, link aggregation, flow control and port mirroring.

### High link reliability

Support ring network protocol, including STP, RSTP, MSTP and ERPS.

### Rich device management

Support Web (HTTP and HTTPS), Telnet, CLI, SNMP V1/V2C/V3.

## Technical Specification

### Hardware

Data transmission port	2 Ethernet ports with 10/100/1000 Mbps Base-T 2 fiber ports with 100/1000 Mbps Base-X
Debugging	1 console port (Baud rate: 115200 bps)
Power Supply	9V–57V DC PoE power supply: 48V–57V DC
Operating Temperature	-40°C to 75°C (-40°F to 167°F)
Operating Humidity	10%–90%
Power Consumption	Idling power consumption: 6W Full load power consumption: 120W

### PoE

PoE Budget	Port 1–2 <=60W, whole PoE budget <=120W
PoE Standard	IEEE802.3af, IEEE802.3at, Hi-PoE
PoE Pin Assignment	Hi-PoE: 1,2,4,5(V+),3,6,7,8(V-)

### Performance

Switching Capacity	14 Gbps
Packet Forwarding Rate	5.95 Mpps
Packet Buffer Memory	1.75 Mbits
MAC Table Size	4 K
Static MAC Address	256
VLAN Amount	4K
Standards Compliance	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3ad

### Function

MAC Address Table	Support static MAC address
Spanning Tree Protocol	STP, RSTP, MSTP, ERPS
VLAN	802.1Q
Flow Control	Support flow control based on IEEE802.3X (full duplex)
Link Aggregation	Support static manual aggregation and static LACP aggregation
Port Mirroring	Support one-to-one and many-to-one port mirroring
Multicast	Support IGMP Snooping
DHCP	Support DHCP-Server, DHCP-Client and DHCP- Snooping
Security	IEEE802.1x, support ACL and loop protection
QoS	Support QoS based on COS Support 8 output queues per port Support port shapers Support QoS based on DSCP
System Maintenance	Support upload and download of configuration file Support upload of upgrade package Support system log
Device Management	Support Web (HTTP and HTTPS), Telnet, CLI, SNMP V1/V2C/V3

## General

Thunderproof	Common mode: 6kV Differential mode: 4kV
Mounting	DIN-Rail
Net Weight	0.60 kg (1.32 lb)
Gross Weight	0.80 kg (1.76 lb)
Dimensions (L × W × H)	103.2 mm × 53.5 mm × 135.0 mm (4.06" × 2.11" × 5.31")
Packaging Dimensions (L × W × H)	Packing box: 254 mm × 187 mm × 101 mm (10" × 7.36" × 3.98") Protective box: 530 mm × 396 mm × 539 mm (20.87" × 15.59" × 21.22")
Package	20 devices in one package
Certifications	CE, FCC

## Accessories (to be purchased separately)

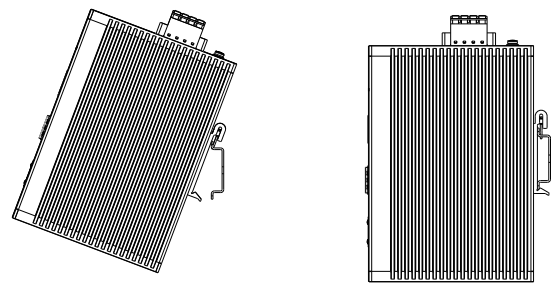
### SFP Module

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

### DIN-Rail Power Supply

DRL-48V120W1AA	120W, 100VAC–240VAC, 48V2.5A
EDP-75-48	75W, 100VAC–240VAC, 48V1.6A

## Installation



## Dimensions (mm[inch])

