

# PFS4210-8GT-DP

## 10-Port Managed Gigabit Industrial POE Switch



### Overview

PFS4210-8GT-DP is a 10-Port Gigabit Industrial Switch with 8-Port Gigabit PoE which supports IEEE 802.3af/at. Moreover, port 1&2 (orange port) support Hi-PoE, which provides maximum 60W via a single port. PFS4210-8GT-DP is a Layer 2 managed industrial PoE switch, which supports web, SNMP and also CLI. It supports ring network redundancy using standard STP/RSTP/MSTP protocol and also supports rich features such as VLAN, Link Aggregation, Port Mirroring, Flow Control, IGMP Snooping, SNMP, ROMN, ACL, QoS, Static IP Routing, etc.

It is IP40 rated and DIN-rail mountable. It supports dual power input for power redundancy and wide working temperature range from -40°C~+75°C. It also provides high EFT and ESD protection for industrial networking applications such as outdoor security surveillance, ITS, power, factory and any other outdoor or harsh environment.

### Functions

#### Features

- Layer 2 managed industrial PoE switch
- Supports IEEE802.3af/at and Hi-PoE (60W) standard
- Supports STP/RSTP/MSTP for network redundancy
- Supports rich L2 features including VLAN, Link Aggregation, IGMP Snooping, ROMN, ACL, QoS, etc
- Supports Web, SNMP and CLI management
- IP40 full metal enclosure, fully-sealed and dustproof design
- Dual power input for power redundancy
- Wide working temperature : -40~+75°C

### Technical Specification

Model	PFS4210-8GT-DP
Ethernet Port	8*10/100/1000 Base-T(PoE power supply) 2*100/1000 Base-X
RS232 Serial Console	1*RS232
RS485 Port	2*RS485 (Baud rate 9600, TCP/UDP)
I/O Port	1*Input, 1*Output
PoE Power Consumption	Each port ≤30W ,Total≤120W port 1 and port 2 supports Hi-PoE (60W)
PoE Protocol	IEEE802.3af (PoE), IEEE802.3at (PoE+), Hi-PoE
PoE Budget	≤120W
PoE PIN Assignment	1, 2 (V+), 3, 6 (V-) 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
Switching Capacity	28Gbps
Packet Forwarding Rate	14.88Mpps
Packet Buffer Memory	4Mb
Application Humidity	10%-90%
Power	DC 9~57V, PoE: 48-57V
Lightning Protection	Common Mode 6KV Differential Mode 4KV
Working Temperature	-40C~75C
Power Consumption (static)	≤6W
Power Consumption (full load)	≤120W
Mounting	DIN-Rail
Weight	1.25kg
Dimension (WxDxH)	175mm x 134mm x 53mm

### Service Characteristics

Model	PFS4210-8GT-DP
System	Username / password: admin/admin
	IP Address :192.168.1.110/24
MAC Address Table	8K
NTP	Support
DHCP	Support DHCP client/server
	Support DHCP snooping
VLAN	802.1Q
Port Aggregation	Manual aggregation/LACP

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Service Characteristics	
Port Mirroring	Support many-to-one port mirroring
Flow Control	Support half-duplex based on back pressure type control
	Support full duplex based on PAUSE frame
Multicast	IGMP Snooping v1/v2/v3
Security	Support users management
	Support SSH
	Support Https
	Support SNMP V1/V2/V3
	Support ROMN
	Support ACL
	Support IP source guard
	Support ARP inspection
	Support 802.1x
	Support loop protection
Spanning Tree	STP/RSTP/MSTP
LLDP	Support
Quality of Service	Support QoS base on CoS/DPL/PCP/DEI
	Each port support 8 output queue
	Support port shaping
	Support port tag remarking
	Support QoS based on DSCP
System Maintenance	Support the configuration file upload/download
	Support firmware upgrade
	Support system logs

### Dimensions

