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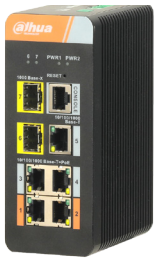
DH-PFS4207-4GT-DP

7-Port Gigabit Industrial Switch with 4-Port Gigabit PoE (Managed)



Features

- Layer 2 managed industrial PoE switch
- Supports IEEE802.3af/at and Hi-PoE (60W) standard
- Supports STP/RSTP/MSTP for network redundancy
- Supports ERPS for network redundancy
- Supports rich L2 features including VLAN, Link Aggregation, IGMP Snooping, LLDP 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°C~75°C

Product Overview

DH-PFS4207-4GT-DP is a 7-Port Gigabit Industrial Swicth with 4-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.

DH-PFS4207-4GT-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 ,ERPS protocol and also supports rich features such as VLAN, Link Aggregation, Port Mirroring, Flow Control, IGMP Snooping, SNMP, ROMN, ACL, QoS, etc.

DH-PFS4207-4GT-DP is IP40 rated and DIN-rail mountable. It supports dual power input for power redundancy and wide working temperature range from-40℃~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.

Technical Specification

Model	DH-PFS4207-4GT-DP
Interfaces	4x10/100/1000 Base-T(PoE power supply) 1x10/100/1000 Base-T 2x100/1000 Base-X
RS232 Serial Console	1xRS-232 (Baud rate 115200)
RS485 Port	1xRS-485 (Baud rate 9600, TCP/UDP)
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	14Gbps
Packet Forwarding Rate	10.42Mpps
Packet Buffer Memory	1.75Mb
Application Humidity	10%-90%
Power	DC 9~57V, PoE: 48~57V
Lightning Protection	Common mode 6KV Differential mode 4KV
Working Temperature	-40℃~75℃
Power Consumption (static)	≤9W
Power Consumption (full load)	≤120W
Mounting	DIN-Rail
Weight	0.65kg
Dimension (WxDxH)	103.2mmx53.5mmx135mm

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-48V120W1AAD	120W, 100VAC~240VAC-48V2.5A
EDP-75-48	75W, 100VAC~240VAC-48V1.6A

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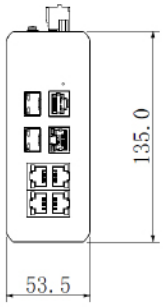
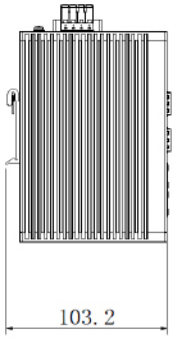
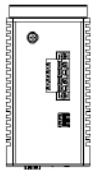
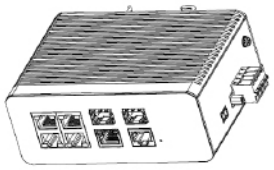
Service Characteristics

Model	DH-PFS4207-4GT-DP
System	Username / password: admin/admin
	IP Address :192.168.1.110/24
MAC Address Table	4K
NTP	Support
DHCP	Support DHCP client
VLAN	802.1Q
Port Aggregation	Manual aggregation/LACP
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
IGMP Snooping	IGMP Snooping base on vlan
Security	Support users management
	Support SSH
	Support Https
	Support SNMP V1/V2/V3
	Support ACL
	Support 802.1x
	Support loop protection
Network Redundancy	STP/RSTP/MSTP ERPS
RS485	Support RS485 passthrough
LLDP	Support
Quality of Service	Support QoS base on CoS/DPL
	Each port support 8 output queue
	Support port shaping
	Support SP,WRR queue scheduling
	Support QoS based on DSCP
System Maintenance	Support the configuration file upload/download
	Support firmware upgrade
	Support system logs
Network Management	WEB(http protocol), SNMP, CLI

Dimensions (mm)