

# 4-port Managed PoE Switch

## Layer 2 PoE Switch



- Layer 2 Network Management PoE Switch
- MAC Auto Study and Aging, 8K MAC Address List Capacity
- Supports Private Fast Ring Network, Recovery Time  $\leq 50$  ms
- Supports the IEEE802.3af, IEEE802.3at, and the Hi-PoE Standards
- Designed for Low Temperature Environments
- PoE Management

### System Overview

The DH-PFS4206-4P-120 is a 4-port managed PoE Ethernet switch, which supports IEEE802.3af/at and the Hi-Poe protocols. It supports Layer 2 network management and PoE management and provides power management and monitoring.

### Technical Specification

Ethernet Ports	Two (2) 1000 Base-X Ports (SFP) One (1) 10/100/1000 Base-T Port (PoE, PoE+, Hi-PoE) Three (3) 10/100 Base-T Ports (PoE, PoE+, Hi-PoE)
PoE Power Consumption	Ports 1, 2, and 3: $\leq 30$ W Port 4: $\leq 60$ W Total: $\leq 120$ W
PoE Protocol	PoE (IEEE802.3af), PoE+ (IEEE802.3at), Hi-PoE
Switching Capacity	6.8 Gbps
Packet Forwarding Rate	4.91 Mpps
Packet Buffer Memory	1 MB
Power Requirements	148 VDC to 57 VDC
Working Temperature	$-30^{\circ}\text{C}$ to $65^{\circ}\text{C}$ ( $-22^{\circ}\text{F}$ to $149^{\circ}\text{F}$ )
Application Humidity	10% to 90%
Lightning Protection	Common Mode: 4 KV Differential Mode: 2 KV
Dimensions (W x D x H)	150.0 mm x 100.0 mm x 30.0 mm (5.91 in. x 3.94 in. x 1.18 in.)
Weight	0.48 kg (1.06 lb)

### Certifications

Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2001+A2:2013 UL 60950-1 + CAN/CSA C22.2 No. 60950-1-07
Electromagnetic Compatibility (EMC)	FCC CFR 47 Part 15 subpart B EN 50130-4:2011, EN 55024:2010, EN 55032:2012+AC:2013, EN 6100-3-2:2014, EN 6100-3-3:2013, IEC 61000-4-2:2008, IEC 61000-4-3:2006+A1:2007+A2:2010, IEC 61000-4-4:2012, IEC 61000-4-5:2014, IEC 61000-4-6-2013, IEC 61000-4-8:2009, IEC 61000-4-11:2004

### Service Specification

System	Username/Password: admin/(empty) IP Address: 192.168.1.110/24
PoE Budget	120 W
MAC Table Size	8K
VLAN	802.1Q Standard VLAN
Port Mirroring	Many-to-One Port Mirroring
Flow Control	Half-duplex based on back pressure type control Full Duplex based on PAUSE Frame
Ring Network	Private Fast Ring Network, recovery time $\leq 50$ ms Spanning Tree, STP/RSTP Loop Detection
PoE Management	PoE Power Consumption, PoE on/off of IPC Configuration, Power Down when exceeding the value of overload power
Network Management	Web, SNMP V1/V2

### Ordering Information

Type	Part Number	Description
PoE Switch	DH-PFS4206-4P-120	Layer 2, 4-port Managed PoE Switch