24-port Gigabit PoE Switch

Layer 2 Managed PoE Switch

- Layer 2 Managed PoE Switch
- Supports the IEEE802.3af and IEEE802.3at Standards and Hi-PoE
- STP/RTSP/MSTP Network Redundancy
- SNP Network Management
- Web, Telnet, and CLI Command Configuration
- QoS (IEEE802.1p/1Q), CoS/ToS to Increase Determinism
- Enhanced Network Security with IEEE802.1X, SNMP v1/v2c/v3, HTTPS, and SSH/SSL
- 4M Data Cache, Real-time Transmission
- MAC Auto Study and Aging, 8K MAC Address List Capacity
- New Limited Lifetime Warranty[1]

System Overview

DH-PFS4226-24GT-360 is a dedicated PoE switch designed especially for the security industry. The PoE management function displays power control and real-time port consumption.

Technical Specification

Ethernet Ports	Two (2) 1000 Base-X 24 x 10/100/1000 Base-T Ports (PoE Power Supply)
RS232 Serial Console	One (1) RS232 Built-in to RJ-45 Connector for CLI Management: • Baud Rate: 115,200 bps • Data Bits: 8 • Odd-even Check: None • Stop Bit: 1
PoE Features	• Hi-PoE: Ports 1 and 2 Consumption: up to 60 W per port • IEEE802.3af, IEEE802.3at: Ports 3 to 24 Consumption: up to 30 W per port • Total PoE Budget: ≤ 360 W
PoE Protocol	PoE (IEEE802.3af), PoE+ (IEEE802.3at), Hi-PoE
Switching Capacity	52 Gbps
Packet Forwarding Rate	38.688 Mpps
Packet Buffer Memory	4 MB
Power Requirements	100 VAC to 240 VAC, 50/60 Hz
Working Temperature	–10° C to 55° C (14° F to 131° F)
Application Humidity	5% to 95%
Lightning Protection	Common Mode: 2 KV Differential Mode: 1 KV
Dimensions (W x D x H)	440.0 mm x 300.0 mm x 44.0 mm (17.32 in. x 11.81 in. x 1.73 in.)
Weight	3.52 kg (7.76 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+A1:2014, EN 55024:2010+A1:2015, EN 55032:2015, EN 6100-3-2:2014, EN 61000-3-3:2013

Service Specification

System	Username/Password: admin/user defined
	IP Address: 192.168.1.110/24
PoE Budget	≤360 W
MAC Table Size	8K
NTP	Support
DHCP	DHCP Client/Server; DHCP Snooping
VLAN	802.1Q Standard VLAN
Spanning Tree	STP, RTSP, MSTP
Port Aggregation	Manual Aggregation / LACP
Port Mirroring	Many-to-One Port Mirroring
Flow Control	Half-duplex based on back pressure type control
	Full Duplex based on PAUSE Frame
Multicast	IGMP Snooping v1, v2, v3
Security Features	User Management, SSH, HTTPS, SNMP v1/v2/v3, ROMN, ACL, IP Source Guard, ARP Inspection, 802.1x, Loop Protection
LLDP	Support
MAC Table	MAC Address Table Configuration
System Maintenance	Configuration File Upload/Download Updated Packet Upload System Log
Network Time Synchronization	• NTP • Command Line via the Console Port
QoS	QoS Base on CoS/DPL/PCP/DEI; Each Port Supports 8 Output Queue, Port Shaping, Port Tag Remarking, QoS Base on DSCP
Network Management	Web (HTTP Protocol), Serial, SNMP

Ordering Information

Type	Part Number	Description
PoE Switch	DH-PFS4226-24GT-360	Layer 2 24-port Managed Gigabit PoE Switch
Accessories, optional	PFT3950	1.25 GB, 850 nm, 500 m, LC, Multi-mode
	PFT3960	1.25 GB, 1310/1550 nm, 20 km, LC, Single Mode
	PFT3970	1.25 GB, 1550/1310 nm, 20 km, LC, Single Mode

1. New switch warranty period is extended to two years after end of sale date.

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