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8-port Fast Ethernet PoE Switch

Layer 2 Commercial PoE Switch



- Layer 2 Commercial Switch
- Supports IEEE802.3, IEEE802.3u, and IEEE802.3X Standards
- MAC Auto Learning and Aging
- 2K MAC Address Capacity
- Supports MDI/MDIX Self-adaptation
- Supports PoE, PoE+, and Hi-PoE

System Overview

The Fast Ethernet PoE switch is specially designed for video transmission applications that supports long-distance PoE up to 250 m (820 ft). The switch provides eight (8) 10/100 Mbps PoE ports and one (1) 100 Mbps uplink port. The switch is equipped with two transmission modes, Default and Extended, controlled by a DIP switch.

Technical Specification

Ethernet Ports		Eight (8) 10/100 Base-T Ports (PoE Power Supply) One (1) 10/100 Base-T Port
PoE Features	Protocol	Protocol: IEEE802.3af, IEEE802.3at, Hi-PoE,
	Consumption	<ul style="list-style-type: none"> • Port 1: ≤ 60W • Ports 2 through 8: ≤ 30W
	Total PoE Budget	≤ 96 W
Switching Capacity		1.8 Gbps
Packet Forwarding Rate		1.34 Mbps
Packet Buffer Memory		768 K
MAC Table Size		2K
Flow Control		Enabled by default
Power Requirements		48 VDC to 57 VDC
Working Temperature		-10° C to 55° C (14° F to 131° F)
Application Humidity		10% to 90%
Dimensions (W x D x H)		190.0 mm x 100.0 mm x 30.0 mm (7.48 in. x 3.94 in. x 1.18 in.)
Weight		0.48 kg (1.06 lb)

Certifications

Safety	UL 60950-1, 2nd Edition, 2014-10-14 CAN/CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10
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Ordering Information

Type	Part Number	Description
PoE Switch	DH-PFS3009-8ET-96	8-port Layer 2 Commercial PoE Switch