DH-PFS3010-8ET-96

10-Port Unmanaged Desktop Switch with 8-Port PoE

• Intelligent PoE
• Red port supports 90W IEEE802.3bt
• 8-pin assignment PoE power supply
• 250 m long distance PoE transmission
• PoE watchdog
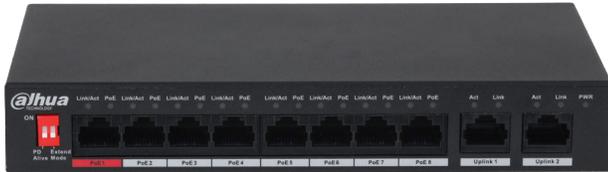
As an access layer PoE switch, DH-PFS3010-8ET-96 supports simultaneous access of up to 8 cameras, and is applicable for monitoring scenarios such as office, school, hotel, supermarket, and hospital.

System Overview

DH-PFS3010-8ET-96 provides eight 100 Mbps PoE Ethernet ports and two gigabit Ethernet ports.

Functions

Rich Port Types
Eight 10/100 Mbps Base-T PoE Ethernet ports; two 10/100/1000 Mbps Base-T Ethernet ports.

Intelligent PoE
The switch features intelligent PoE power consumption management to help keep the power and data flowing, even when the switch experiences a power fault. Intelligent PoE monitors the power consumption of the connected devices, and in the event of large power fluctuations, the switch shuts down one port at a time rather than shutting down all ports. Unlike typical switches that shut down all ports as once, this switch shuts down the highest number port first, then the next highest number until the switch detects the power consumption is below the PoE budget.

BT 90W
The red port supports the IEEE802.3bt and the Hi-PoE standards. The maximum power consumption is 90 W.

PoE Watchdog
The switch employs an innovative PoE watchdog function that automatically detects a network port failure and restarts network communication on the port. This functionality avoids manual maintenance and network restarts, saving time and reducing costs.

Long Distance PoE
Long-distance PoE transmission extends the maximum transmission distance to 250 m (from 100 m), but reduces transmission speed to a maximum of 10 Mbps (from 1000 Mbps).

8-pin Assignment PoE Power Supply
The 8-pin Ethernet port supports power supply, to enhance front-end and rear-end compatibility.
Reduce cable loss and promote loading capacity.

Scene
Applicable for office, school, hotel, supermarket, hospital, and other micro-scale monitoring network.

Specification

Hardware

Ethernet Port	8
Optical Port	0
Ethernet Port Speed	100 Mbps
Data Transmission Port	Port 1–8: 8 × RJ-45 10/100 Mbps (PoE) Port 9-10: 2 × RJ-45 10/100/1000 Mbps (Uplink)
Power Supply	53V DC
Operaing Temperature	−10°C to +55°C (+14°F to +131°F)
Operating Humidity	5%–95% (RH)
Storage Temperature	−20°C to +70°C (−4°F to +158°F)
Storage Humidity	5%RH–95%RH
Power Consumption	Idling: 3.0W Full load: 96W

Performance

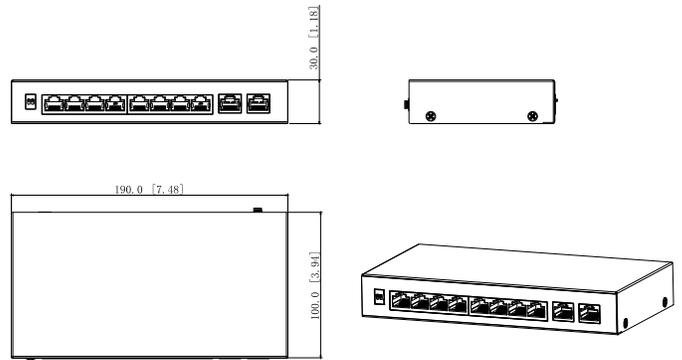|	
Capacity	5.60 Gbps
Packet Forwarding Rate	4.17 Mpps
Packet Buffer Memory	4 Mbit
MAC Table Size	8K
Communication Standard	IEEE802.3, IEEE802.3u, IEEE802.3X, IEEE 802.3ab

PoE

PoE Standard	IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt
PoE Power	96W
Power Consumption Management	Yes
PoE Pin Assignment	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
Long Distance PoE	250 m long distance PoE transmission

General

Statics Protection	Air discharge: 8kV Contact discharge: 6kV
Thunder-proof	Common mode: 4kV Differential mode: 2kV
Net Weight	0.50 kg (1.10 lb)
Gross Weight	1.32 kg (2.91 lb)
Product Dimensions	190 mm × 100 mm × 30 mm (7.48" × 3.94" × 1.18") (W × L × H)
Packing Dimensions	Packing box: 266 mm × 239 mm × 77 mm (10.47" × 9.41" × 3.03") (L × W × H) Protective box: 549 mm × 253 mm × 331 mm (21.61" × 9.96" × 13.03") (L × W × H)

Dimensions (mm[inch])

Application