

DH-PFL2106-4ET-96

Long Range 4-Port PoE Switch



Product Overview

DH-PFL2106-4ET-96 is designed to work under extreme environments, such as wide temperature range and lightning environment. It can reach lightning protection level 4. Accelerated Life Testing (ALT) is performed to ensure the high reliability and long life time.

Technical Specification

Model	DH-PFL2106-4ET-96
Ethernet Port	1*100/1000 Base-X 1*10/100/1000 Base-T 4*10/100 Base-T(PoE power supply)
PoE Power Consumption	Port1,2,3≤30W, Port4≤60W, Totals≤96W
PoE Protocol	IEEE802.3af, IEEE802.3at, Hi-PoE
Switching Capacity	6.8Gbps
Packet Forwarding Rate	3.57Mpps
Packet Buffer Memory	1Mb
MAC Table Size	8K
Flow Control	Enable by default
Application Humidity	10%~90%
Power	DC48~57V power adapter
Lightning Protection	Common Mode 4KV Differential Mode 2KV
Working Temperature	-30°C~65°C
Weight	480g
Dimension(W×D×H)	150mm×100mm×30mm

Features

- Two-layer industrial POE switch
- MAC auto study and aging, MAC address list capacity is 8K
- Conform IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards
- Support IEEE802.3af, IEEE802.3at, Hi-PoE standard
- Industrial wide temperature design
- It supports three transmission modes, which includes IEEE, E10 and E100

Transmission Performance:

Take CAT5E/CAT6 as an example (Max. DC resistance<10Ω/100m)

DH-PFL2106-4ET-96		Port 1/2/3 (IEEE802.3af/at)	Port 4 (Hi-PoE)	LED Indicator
100m	Bandwidth(Mbps)	100	100	IEEE mode: Normally on
	Load capacity(W)	25.5	60	
200m	Bandwidth(Mbps)	100	100	E100 mode: On for 3 seconds, off for 1 second
	Load capacity(W)	25.5	42	
300m	Bandwidth(Mbps)	100	100	E100 mode: On for 3 seconds, off for 1 second
	Load capacity(W)	25.5	28	
500m	Bandwidth(Mbps)	10	10	E10 mode: On for 1 seconds, off for 1 second
	Load capacity(W)	17	17	
800m	Bandwidth(Mbps)	10	10	E10 mode: On for 1 seconds, off for 1 second
	Load capacity(W)	10	10	

Accessories

Model	
PFT3900	155M 850nm,2km,LC, Multi-mode
PFT3950	1.25G 850nm,500m,LC, Multi-mode
PFT3910	155M 1310/1550nm,20km,LC, Single-mode
PFT3920	155M 1550/1310nm,20km,LC, Single-mode
PFT3960	1.25G 1310/1550nm,20km,LC, Single-mode
PFT3970	1.25G 1550/1310nm,20km,LC, Single-mode