

IPS-PFL2106-4ET-96

4-Port ePoE Switch



Product Overview

IPS-PFL2106-4ET-96 is a 4-Port ePoE switch, which is able to realize PoE transmission over 800 meters Ethernet cable at the speed of 10Mbps, or 300 meters at the speed of 100Mbps. Besides, it supports PoE and PoC power supply technology, which has greatly simplified construction and wiring. IC Realtime ePoE technology is a new way to accomplish long distance transmission between IP camera and network switch. It allows more flexible surveillance system design, improves reliability and saves construction and wiring cost.

Technical Specification

Model	IPS-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, Total≤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

- Supports long distance PoE transmission up to 800m with ePoE technology of IC Realtime
- 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
- Supports IEEE802.3af, IEEE802.3at, Hi-PoE standard
- Industrial wide temperature design

Transmission Performance:

Cable (m)	Bandwidth (Mbps)	PoE Load Capacity (W)	Hi-PoE Load Capacity (W)	Working Mode
100	100	25.5	53	IEEE/E100
200	100	25.5	33	E100
300	100	19	19	E100
400	10	17	17	E10
500	10	13	13	E10
800	10	7	7	E10

ePoE switch supply voltage 48V
CAT5E/CAT6, max. DC resistance < 10Ω/100m

Cable (m)	Bandwidth (Mbps)	PoE Load Capacity (W)	Hi-PoE Load Capacity (W)	Working Mode
100	100	25.5	53	IEEE/E100
200	100	25.5	47	E100
300	100	25.5	32	E100
400	10	23	26	E10
500	10	20	20	E10
800	10	13	13	E10

ePoE switch supply voltage 53V
CAT5E/CAT6, max. DC resistance < 10Ω/100m

Accessories

SFP Module	Description
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
EoC (Ethernet over Coax)	
Description	
LR1002	1*10/100 Mbps Base-TX + 1*BNC RG59 coaxial cable: 400m/100Mbps, 1000m/10Mbps