

8FE+1GE+1SFP Fiber PoE Switch

Model: PS1802FBE



Product Introduction

HIMAX PS1802FBE is a 100Mbps unmanaged PoE switch. It has 8*10/100M POE Port + 1*1000M RJ45 Port + 1*1000M SFP Port. Port 1-8 can support IEEE 802.3af/at standard PoE power supply. Single port PoE power reaches 30W, and the maximum PoE output power is 120W(at-250W). As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP phone, building visual access control intercom, etc. through a network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, parks, shopping malls, scenic spots, hospitals, factory dormitory and small and medium-sized enterprise.

Features

- ◎ 8*10/100M POE Port + 1*1000M RJ45 Port +1*1000M SFP Port PoE Switch,1-8 ports support IEEE 802.3af/at
- ◎ Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z standards
- ◎ Support Watchdog, Port self-healing, VLAN, extend 300meter distance, Auto Speed Change,
- ◎ Priority port & reduce the after-resale
- ◎ PoE port support af/at intelligent recognition. Standard power is 15.4W/port, Maximum power 30W/port
- ◎ Supports POE devices such as wireless access points (APs) and network surveillance cameras through Category 5/6 Ethernet cables
- ◎ The power supply total is 120W

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Specification

Model	PS1802FBE
Interfaces	
Fixed Port	8*10/100Base-T/TX PoE ports (Data/Power) 1*10/100/1000Base-T/TX Uplink RJ45 ports (Data) 1*10/100/1000Base-X Uplink SFP ports (Data)
PoE	
POE Port	Port 1-8 support PoE @ IEEE802.3af/at
Function	The way of "cutting" PoE port if total PoE budget will be exceed, from largest to smallest (number)
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000base-X IEEE802.3u 100Base-FX IEEE802.3x
PoE Standard	IEEE802.3af/at
Ethernet Port Feature	10/100Base-T(X) 10/100/1000 Base-T automatic detection, full/half Duplex MDI/MDI-X adaptive
Forwarding Mode	Store and Forward
Switch Property	
Switching Capacity	20Gbps
Forwarding Rate	14.88Mpps
MAC	8K
Buffer Memory	2M
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤300 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5 or later UTP (≤100 meter)
Power Supply Pin	Default 1/2(+), 3/6(-)
MAX / AVERAGE Power Per Port	30W/15.4W
Total PWR / Input Voltage	Default: 120W (52VDC); Optional: 240W
Power Consumption	Standby:<6W; Full load:<120W/240W
Physical Characteristics	
LED Indicator	Power indicator: PWR (Green) Network indicator: 1-4(Link/Act)/ (Green),5-6(Link/Act)/ (Green) POE indicator: PoE (Orange)
Power Supply	External power adapter

Operation TEMP / Humidity	-20~+55°C;5%~90% RH non condensing
Storage TEMP / Humidity	-40~+75°C;5%~95% RH non condensing
Dimension	200*105*29mm
Net /Gross Weight	<1.8kg / <2.5kg
Installation Method	desktop type, wall mounted
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±4kV
Protection level	IP30
Certification	CE, FCC, RoHS
Package Contents	
Switch	1 pcs
Power cord	1 pcs
Quick installation guide	1 pcs



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