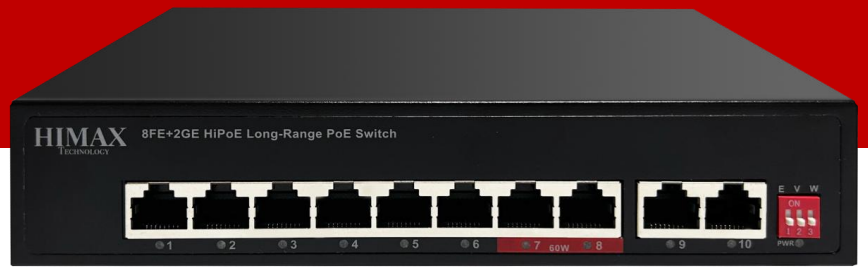# HIMAX TECHNOLOGY

8FE+2GE Port Long Range PoE Switch

Model: PS1802GE

Product Introduction

The PS1802GE is a 10/100M unmanaged PoE switch. It has 8*10/100M PoE ports and 2*10/100/1000M uplink RJ45ports. Port 1-8 can support IEEE 802.3af/at standard PoE power supply. Port 1-6 single port PoE power reaches 30W, port 7-8 single port PoE power reaches 60W. The maximum PoE output power is 120W. As a PoE power supplydevice, 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, visual intelligent building intercom through network cable, and meet the network environment that needs

Features

◎ 8FE+2GE uplink 300M Long Range PoE Switch with 4PoE Port

◎ Supports smart watchdog function to monitor compliant PD

◎ Port 7-8 supports Hi-PoE power up to 60W fit IEEE 802.3bt compliant PDs

◎ Port 1-6 supports PoE 30W fit IEEE 802.3af/at compliant PDs

◎ Support VLAN

◎ External power adapter supply 120W (included)

◎ Support Smart QoS for Video data priority

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Specification

Model	PS1802GE
Interfaces	
Fixed Port	8*10/100Base-T/TX PoE ports (Data/Power)
	2*10/100/1000Base-T/TX Uplink RJ45 ports (Data)
PoE	
PoE Port	Port 1-8 support PoE
Feature	With the Dial code switch, support port priority by default.
	E: AI Extend 300meters transmission and auto speed change of single port (limit 10Mbps), other ports maintain 100M/1000M within 100 meters;
	V: Turn on, 1-8 Port support each port Isolation & VLAN;
	W: Turn on, 1-8 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem &reduce after-sale.
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;
	IEEE802.3u 100Base-TX;
	IEEE802.3x.
Ethernet Port Feature	10/100Base-T(X) automatic detection, full/half Duplex MDI/MDI-X adaptive
Fiber Port Feature	Store and Forward
Switch Property	
Switching Capacity	5.6Gbps
Forwarding Mode	4.17Mpps
MAC	4K
Buffer Memory	1.25M
Twisted Pair Transmission	10BASE-T:Cat5 UTP(≤300 meter)
	100BASE-TX:Cat5 or later UTP(≤100 meter)
Power Supply Pin	Default 1/2(+), 3/6(-)
MAX / AVERAGE Power Per Port	Port 1-3 30W/15.4W, Port 4 60W/15.4W
Total PWR / Input Voltage	120W
Power Consumption	Standby:<4W;Full load:<120W
Physical Characteristics	
LED Indicator	Power indicator: PWR (Green);
	Network indicator: 1-8(Link/Act)/ (Green),9-10(Link/Act)/ (Green),
Power Supply	Build-in power adaptor AC100~240V 50-60Hz,120W
Operation TEMP / Humidity	-20~+55° C:5%~90% RH non condensing
Storage TEMP / Humidity	-40~+75° C;5%~95% RH non condensing
Dimension	195*130*40mm
Net /Gross Weight	<1kg / <1.2kg
Installation Method	desktop type ,wall mounted

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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	
Certification	CE, FCC, RoHS,
Package Contents	
Switch	1 pcs
Power cord	1 pcs
Quick installation guide	1 pcs

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CE FC RoHS

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