

# 16GE+2GE Gigabit PoE Switch

Model: PS11602G



## Product Introduction

PS11602G has 16\*10/100/1000M PoE ports and 2\*1000M uplink RJ45 ports, Port 1-16 can support IEEE 802.3af/at standard PoE power supply, single port PoE power up to 30W, and the maximum POE output power is 300W. 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, video access control intercom, etc. through network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory quarters and small and medium-sized enterprises to form an economy. Efficient network.

## Features

- ◎ 16\*10/100/1000M POE port + 2\*10/100/1000M RJ45 Port PoE Switch, 1-16 ports support IEEE 802.3af/at
- ◎ Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z standards
- ◎ PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port
- ◎ Support AI Watchdog, Port self-healing, VLAN, extend 300meter distance, Auto Speed Change, Priority port & reduce the after-resale
- ◎ Supports POE devices such as wireless access points (APs) and network surveillance cameras through Category 5/6 Ethernet cables
- ◎ The power supply total is 300W

# Specification

Model		PS11602G
Interfaces		
Fixed Port	16*10/100/1000Base-T/TX PoE ports (Data/Power) 2*10/100/1000Base-T/TX RJ45 ports (Data)	
PoE		
PoE Port	Port 1-16 support PoE @ IEEE802.3af/at	
Feature	<p>With the Dial code switch, support port priority by default.</p> <p>E: AI Extend 300meters transmission and auto speed change of single port (limit 10Mbps), other ports maintain 100M/1000M within 100 meters;</p> <p>V: Turn on, 1-16 Port support each port Isolation &amp; VLAN;</p> <p>D: Turn on, 1-16 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem &amp; reduce after-sale.</p>	
Fan	Non-Fan, silent working status can satisfy more users with different requirement.	
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	10/100/1000Base-T(X) automatic detection, full/half Duplex MDI/MDI-X adaptive	
Fiber Port Feature	Gigabit SFP Port (Fiber module is not included, need to order separately, module options include single/multi-mode, single/dual fiber, LC)	
Forwarding Mode	Store and Forward	
Switch Property		
Switching Capacity	40Gbps (non-blocking)	
Forwarding Rate	29.76Mpps	
MAC	8K	
Buffer Memory	4M	
Twisted Pair Transmission	10BASE-T: Cat5 UTP ( $\leq 300$ meter) 100BASE-TX: Cat5 or later UTP ( $\leq 100$ meter) 1000BASE-T: Cat5 or later UTP ( $\leq 100$ meter)	
Power Supply Pin	Default 1/2(+), 3/6(-)	
MAX / AVERAGE Power Per Port	30W/15.4W	
Total PWR / Input Voltage	300W (100-240V)	
Power Consumption	Standby:< 5W; Full load:<300W	
Physical Characteristics		
LED Indicator	Power indicator: PWR (Green) Network indicator: 1-16(Link/Act)/ (Green),17-18(Link/Act)/ (Green)	
Power Supply	Built in switching power supply, AC100~240V 50-60Hz	

Operation TEMP / Humidity	-20~+55° C:5%-90% RH non condensing
Storage TEMP / Humidity	-40~+75° C;5%-95% RH non condensing
Dimension	330*220*44mm
Net /Gross Weight	<3kg / <4kg
Installation Method	desktop type, wall mounted,19-inch 1U cabinet installation
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±6kV
Protection Level	IP30
Certification	
Certification	CE, FCC, RoHS,
Package Contents	
Switch	1 pcs
Power cord	1 pcs
Hanging Ears	1 pcs
Quick installation guide	1 pcs



# HIMAX



HIMAX TECHNOLOGY LIMITED

[www.himax-technology.com](http://www.himax-technology.com)

Email: [sales@himax-technology.com](mailto:sales@himax-technology.com)

F10, Fuhong Building, No.120 Yongfu Road, Qiaotou Community Fuhai Street, BaoanDistrict, Shenzhen China



Company Website