



Model

# GS1010PE

10-Port Gigabit PoE+ Switch



## 1. Product Overview

10-Port Gigabit PoE+ Switch, using high-quality high-speed network IC and the most stable POE chip, POE port meets 802.3af / 802.3at standard, this series of PoE Switch can be 10/100/1000M Ethernet The network provides a seamless connection, and the PoE power port can automatically detect and power the powered devices that comply with the IEEE802.3af / IEEE802.3at standards. The non-POE device intelligently detects no power and only transmits data.

PoE (Power over Ethernet) refers to the technology of providing dc Power supply to some IP-based terminals (such as IP telephone, wireless access AP, network camera, etc.) while transmitting data signals. These devices receiving dc Power supply are called receiving devices.

With simple and convenient installation and maintenance methods and rich business features, it helps users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and residential broadband; it can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.

## 2. Product Features

1. 8\*10/100/1000M POE Ports + 2\*10/100/1000M Ethernet Uplink Ports
2. Comply with IEEE 802.3、 IEEE 802.3u、 IEEE 802.3ab、 IEEE802.3af/at standards
3. Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
4. Support port auto flip (Auto MDI/MDIX)
5. Exchange mechanism using store-and-forward
6. All ports support wire-speed switching
7. Automatically supplied to adaptive devices
8. Panel indicator monitoring status and help failure analysis

## 3. Product Specifications

Model	GS1010PE
PoE standard	IEEE802.3af/at
Interface	8 Ports 10/100/1000M PoE + 2 Ports 10/100/1000M Ethernet Uplink
key function	IEEE802.3; IEEE802.3u; IEEE802.3x; IEEE802.3ab
Max each port	15.4W ( IEEE 802.3af ) 30W ( IEEE 802.3at )
PoE port output	DC48-55V
Power Pin	Power over spare pairs 1/2(+), 3/6 (-)
Network media	10BASE-T: Cat 3,4,5 UTP(≤100 meter)
	100BASE-T: Cat 5 UTP(≤100 meter)
	1000BASE-TX: Cat5 or more UTP (≤100 meter)
MAC Address Table	2K
Packet buffer	2M bit
Transfer Mode	Store-and-forward
Bandwidth	20 Gbps
Device Dimension	220*163*40mm
Machine Weight	0.9kg
Mains Input	100~240V AC, 50/60Hz
Output	52V2.88A
Power Budget	120W
PWR Power supply indicator	Lighting: Powered
	Un-Light: No Power
1-10 RJ-45 ACT indicator (Green)	Lighting: Connecting
	Flashing: Data Transmit
	Un-Light: Disconnect
Operating Temperature	-20°C ~ 50 °C
Storage Temperature	-40 °C ~ 80 °C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 95% non-condensing
MTBF	100,000 hour