



OVERVIEW

The **S1602GPUL** series is a 10/100Mbps PoE switch independently developed by XENTINO, it has **16*10/100M PoE** ports and **2*10/100/1000M** 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 less than **200W**. 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.

Unmanaged mode, plug and play, no configuration, easy to use.

FEATURES

- ❖ **10/100M gigabit uplink**
 - Provides 16*10/100M PoE ports and 2*10/100/1000M RJ45 ports for flexible networking and meets the networking requirements
 - Support non-blocking wire-speed forwarding.
 - Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.
- ❖ **Intelligent PoE power supply function**
 - 16*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
 - IEEE802.3af/at PoE standard, without damaging non-PoE devices.
 - Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.
- ❖ **Stable and reliable, easy to use**
 - CCC,CE, FCC, RoHS.
 - Low power consumption, galvanized steel metal casing. No fan.
 - Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
 - The user-friendly panel, it can show the device status through the LED indicator of PWR, Link, PoE.
 - Support desktop and 1U-19 inch cabinet installation.
 - Plug and play, no configuration, simple and convenient.
 - With function switch, port 9-16 can support 10M/250 meters long distance transmission mode when one key is opened.

TECHNICAL SPECIFICATION

XENTINO S1602GPUL	
Interface Characteristics	
Fixed Port	16*10/100/1000Base-TX PoE port (Data/Power) 2*10/100/1000Base-T uplink RJ45 ports (Data)
Ethernet Port	Port1-16 support 10/100/1000Base-TX, Port17-18 support 10/100/1000Base-T, auto detection full/half duplex MDI/MDI-X auto sensing
Twisted Pair Transmission	10BASE-T: Cat3,4,5 or later UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)
Functional Switch	After opening, port 9-16 can support 10M/250 meters long distance transmission Note: when the switch state changes, it must be restarted before the PoE switch function can take effect
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	14,8Gbps (Non-blocking)
Forwarding Rate	5.36Mpps (@64byte)
MAC	16K
Buffer Memory	4M
Jumbo Frame	9,6K
LED Indicator	Power: PWR (Green), Data:Link(Yellow), PoE: PoE (Green)
PoE & Power Supply	
PoE Port	Port 1 to 16 IEEE802.3af/at @ POE
Power Supply Pin	Default 1/2(+),3/6(-) optional 4/5(+), 7/8(-) 2-pairs power supply
Max Power Per Port	30W; IEEE802.3af/at
Total PWR / Input Voltage	200W (AC100-240V)
Power Consumption	Standby<15W, Full Load<240W
Power Supply	Built-in switching power supply, AC100~240V 50-60Hz 4.1A
Physical Parameter	
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+75°C, 5%~95% RH Non condensing
Dimension	270*181*44.5mm (L*W*H)
Net /Gross Weight	<1.7kg /<2.2kg
Installation	Desktop, Wall-mounted

Certification & Warranty

Lightning Protection / Protection Level	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS
Warranty	1 years, lifelong maintenance.

ORDERING INFORMATION

Model	Description
S1602GPUL	Unmanaged PoE switch with 16* 10/100M PoE ports and 2* 10/100/1000M uplink RJ45 ports. Port 1-16 can support IEEE802.3af/at PoE Standard. Adjust function switch, Port 9-16 can support 10M/250m long distance transmission. Built-in

PACKAGE CONTENT

QTY	UNIT	CONTENT
1	SET	16Port 100M POE (10M/250meter) 2Port Gigabit Unmanaged Switch (200W)
1	PC	AC Power Cable +Power Adapter
1	SET	Mounting Kits(Hanging Ear)
1	PC	User Guide
1	PC	Warranty Card