OVERVIEW

The **S0802GPUL** is a 10/100Mbps unmanaged PoE switch independently developed by XENTINO. It has **8*10/100M PoE** ports and **2*10/100/1000M** uplink RJ45 ports, Port 1-8 can support IEEE802.3af/at standard PoE. single port PoE power up to 30W, and the maximum POE output power is **120W**. 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.

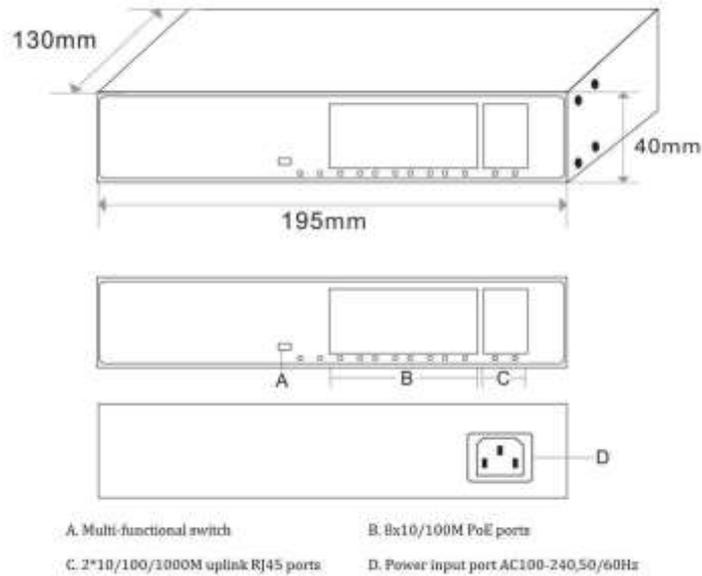Unmanaged model, plug and play, no configuration, easy to use.

FEATURES

❖ **10/100Mbps access, Gigabit dual RJ45 port uplink**
- o Provides 8*10/100Base-TX RJ45 ports and 2*10/100/1000Base-T RJ45 ports for flexible networking and meets the networking requirements of various scenarios.
- o All ports support non-blocking wire-speed forwarding for smoother transmission.
- o Support IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control.

❖ **Intelligent PoE power supply**
- o 8*10/100Base-TX RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- o IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- o 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.

❖ **Innovative function**
- o Long distance file: When opening, the speed of port 1-8 is reduced to 10M. With the existing twisted pair cable, the transmission limit of the twisted pair line can be broken, and the transmission distance can reach 250 meters; on the other hand, It can solve the problem of poor transmission caused by line aging.

❖ **Stable and reliable, easy to use**
- o CCC, CE, FCC, RoHS.
- o Plug and play, no configuration, simple and convenient.
- o Low power consumption, galvanized steel casing, no fan.
- o The user-friendly panel can show the device status through the LED indicator of PWR, Link/Act, PoE.
- o Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
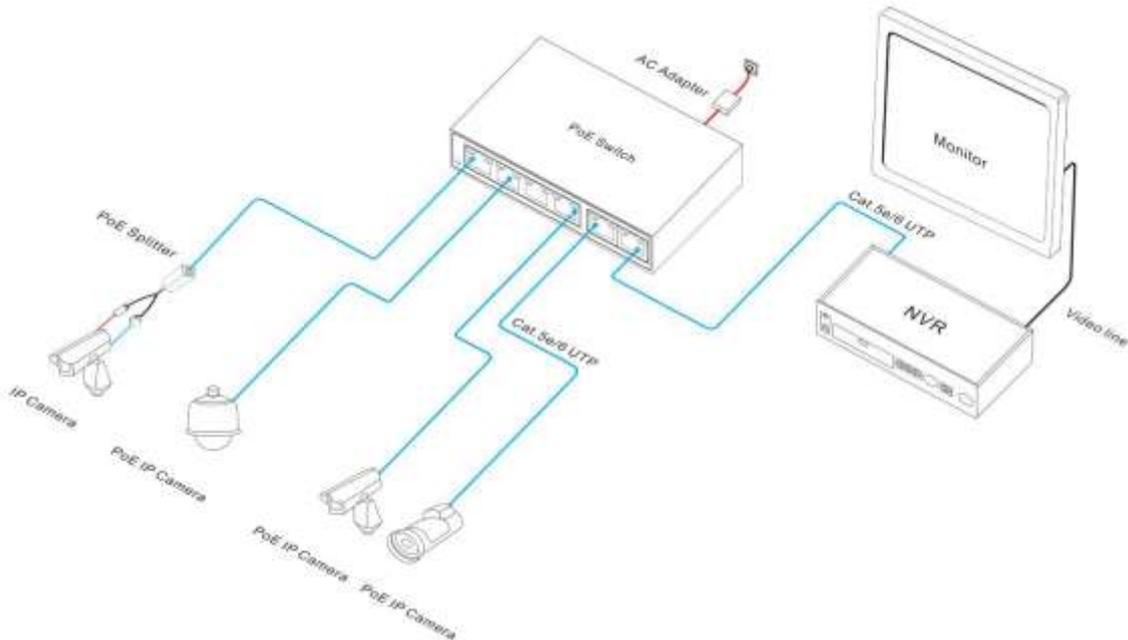
TECHNICAL SPECIFICATION

XENTINO S0802GPUL	
Interface Characteristics	
Fixed Port	8*10/100/1000Base-T PoE port (Data/Power) 2*10/100/1000Base-T uplink RJ45 ports (Data)
Ethernet Port	Port 1-8 can support 10/100Base-T X auto detect, port 9-10 can support 10/100/1000Base-T auto detect, full / half duplex MDI / MDI-X adaptive
Functional Switch	1*(Extend) Note: when the switch state changes, it must be restarted before the PoE switch function can take effect
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX,IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	11.8Gbps (Non-blocking)
Forwarding Rate	4.17Mpps (@64byte)
MAC	3K
Buffer Memory	2M
Jumbo Frame	10K
LED Indicator	Power: PWR (Green), Data:Link(Yellow), PoE: PoE (Green)
PoE & Power Supply	
PoE Port	Port 1 to 8
Power Supply Pin	Default 1/2(+),3/6(-)
Max Power Per Port	30W; IEEE802.3af/at
Total PWR / Input Voltage	120W/ (AC100-240V)
Power Consumption	Standby<5W, Full Load<120W
Power Supply	Built-in power supply, AC100~240V 50-60Hz 2.2A
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	195*130*40mm (L*W*H)
Net /Gross Weight	<0.8kg /<1.2kg
Form Factor	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	2 years, lifelong maintenance.

DIMENSION

130mm
40mm
195mm

A. Multi-functional switch   B. 8x10/100M PoE ports

C. 2*10/100/1000M uplink RJ45 ports   D. Power input port AC100-240,50/60Hz

APPLICATION

ORDERING INFORMATION

Model	Description
S0802GPUL	Unmanaged PoE switch with 8*10/100M PoE ports and 2*10/100/1000M RJ45 ports. Port 1-8 can support IEEE802.3af/at PoE standard, adjust the function switch to realize port 1-8 VLAN isolation and 10M/250m transmission, built-in 120W power supply.

PACKAGE CONTENT

QTY	UNIT	CONTENT
1	SET	10-port gigabit uplink PoE switch
1	PC	AC Power Line
1	PC	User Guide
1	PC	Warranty Card