



## OVERVIEW

The **S0802GPU** is a full gigabit unmanaged PoE switch independently developed by XENTINO. It has 8\*10/100/1000Base-T PoE ports and 2\*10/100/1000Base-T uplink RJ45 ports, Port 1-8 can support IEEE802.3af/at standard PoE power supply, single port PoE power up to 30W. 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

- ❖ **Full gigabit rate, dual RJ45 ports uplink**
  - Provides Gigabit Ethernet ports and dual RJ45 ports uplink for flexible networking and meets the networking requirements of various scenarios.
  - All ports support non-blocking wire-speed forwarding for smoother transmission.
  - Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.
  
- ❖ **Intelligent PoE power supply**
  - 8\*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.
  - Plug and play, no configuration, simple and convenient.
  - Low power consumption, galvanized steel casing, no fan.
  - The user-friendly panel can show the device status through the LED indicator of PWR, Link, PoE.
  - Self-developed power supply, high redundancy design, providing a long term and stable PoE power output

## TECHNICAL SPECIFICATION

### XENTINO S0802GPU

#### Interface Characteristics

Fixed Port	8*10/100/1000Base-T PoE port (Data/Power) 2*10/100/1000Base-T uplink RJ45 ports (Data)
Ethernet Port	10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption.
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, IEEE802.3ab 1000Base-T, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	20Gbps (Non-blocking)
Forwarding Rate	14.88Mpps (@64byte)
MAC	2K
Buffer Memory	2M
Jumbo Frame	1536byte
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

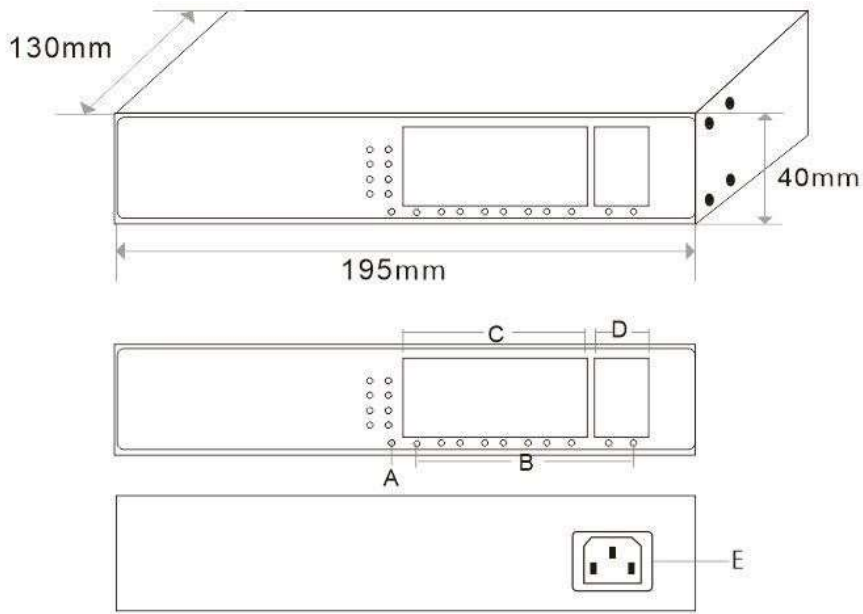
#### Physical Parameter

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	<0.9kg /<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	1 years, lifelong maintenance.

## DIMENSION



- A. Working indicator
- B. PoE indicator
- C. 8x10/100/1000M PoE ports
- D. 2\*10/100/1000M uplink RJ45 ports
- E. Power input port AC100-240,50/60Hz

## ORDERING INFORMATION

Model	Description
S0802GPU	Unmanaged PoE switch with 8*10/100/1000M PoE ports and 2*10/100/1000M RJ45 ports. Port 1-8 can support IEEE802.3af/at PoE standard. Built-in 120W power supply

## PACKAGE CONTENT

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

