

cudy
GS1018PS2
16-GbE PoE
Switch Unit



Cudy GS1018PS2 16-GbE PoE Switch Unit Installation Guide

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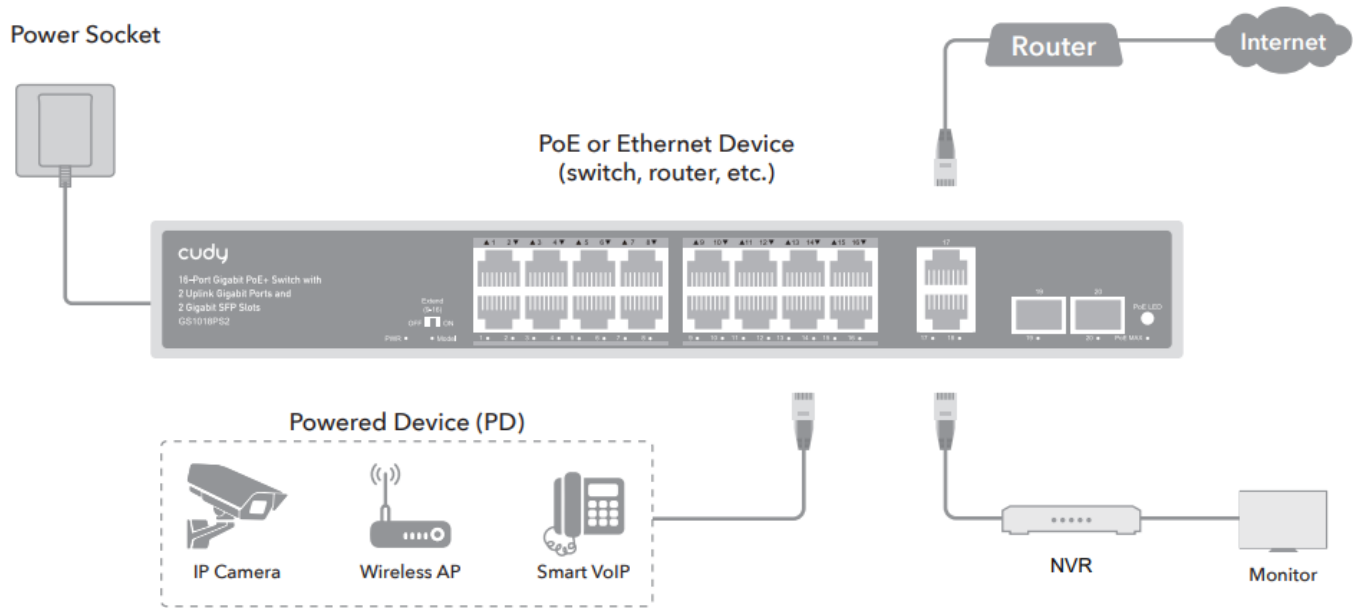


Cudy GS1018PS2 16-GbE PoE Switch Unit



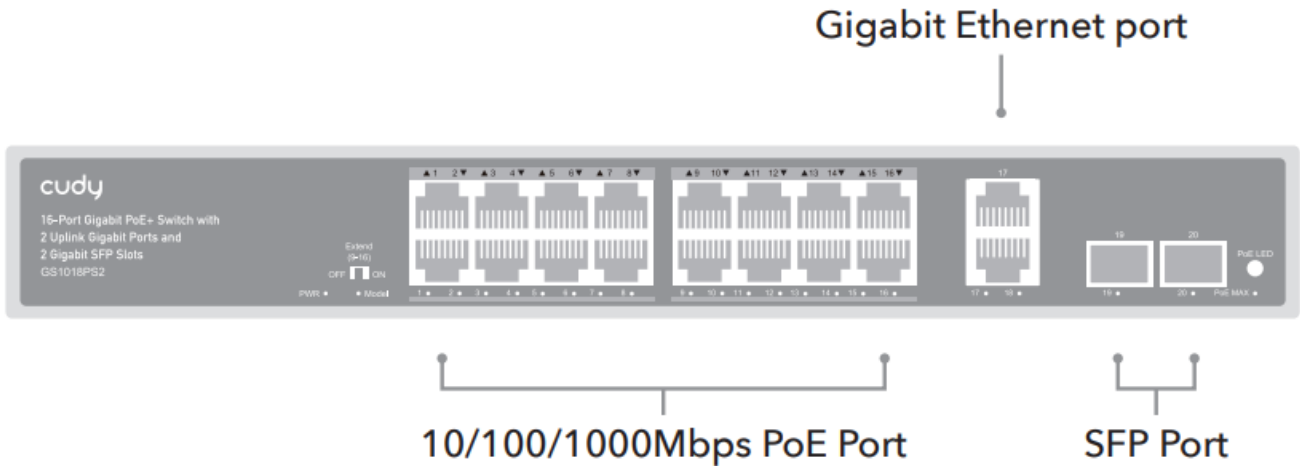
Hardware Connection

Power Socket

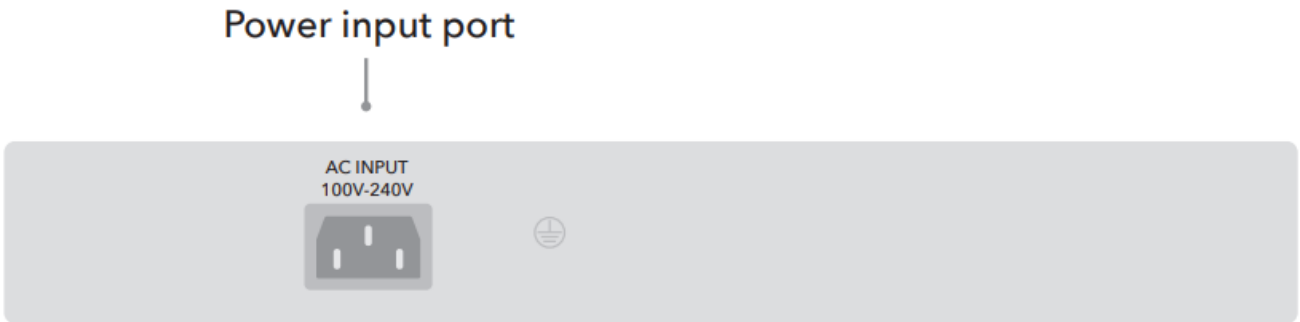


Physical Appearance

Front board



Backboard



Specifications

- **Model** GS1018PS2
- **Network Protocol**
 - IEEE802.3 / IEEE802.3u / IEEE802.3z
 - IEEE802.3x / IEEE802.3ab / IEEE802.3af/at
- **PoE Protocol**
 - IEEE802.3at (30W) and IEEE802.3af (15.4w)
- **Optical Media**
 - Multimode fiber:50/125,62.5/125,100/140um
 - Single mode fiber:8/125 8.7/125,9/125,10/125um
- **AC Input Voltage**
 - AC100~240V
- **POE Voltage**
 - DC 44-57 V
- **Power Pin**
 - Power over spare pairs 1/2(+) , 3/6 (-)
- **Network Medium**
 - **10BASE-T**: Cat 3,4,5 UTP(≤100 meter)
 - **100BASE-TX**: Cat5 or more UTP (≤100 meter)
 - **1000Base-TX**: Cat5 or more UTP/STP(≤100 meter)
- **Supply Power**
 - 52V ~ 3.84A
- **POE Power**
 - Maximum 180W
- **Dimension(L×W×H)**
 - 320mm×207mm×44mm
- **Bandwidth**
 - 40 Gbps
- **Forwarding Rate**
 - 29.76 Mpps
- **Packet Buffer**
 - 3Mbit
- **MAC Address**
 - 8K
- **Transfer Mode**
 - Store-And-Forward
- **Working Temperature**
 - -10~50°C
- **Storage Temperature**
 - -40~70°C
- **Working humidity**
 - 10%~90%, non-condensing
- **Storage humidity**
 - 5%~95%, non-condensing

DIP Explanation

- **OFF Standard Switch**

- All interfaces can communicate with each other, the transmission distance is less than 100 meters, the transmission rate is 10/100/1000M adaptive(Disable POE watchdog)

- **ON Link Extension (9-16 Port)**

- Link extension mode, 9-16 ports force 10M, link 250M (enable POE watchdog)

LED and Interface Explanation

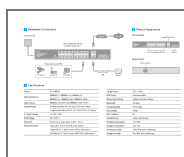
PWR	On	Equipment powered on
	Off	Equipment power off
Mode	On	Extend on
	Off	Extend off
1-20 Green	On	Link connectivity
	Flashing	Data transmission
	Off	Link abnormality
1-16Yellow (POE)	On	POE power supply is normal
	Off	POE not powered
POE MAX (Green)	Off	Indicates that PoE power usage is less than 90%
	Flashing	Indicates PoE power usage of $90\% \leq P \leq 95\%$
	On	Indicates PoE power usage of $95\% < P < 100\%$
POE LED Button	Dual color light selection: default green (link data), switch yellow light (POE)	

EU declaration of conformity

Cudy hereby declares that the device complies with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2009/125/EC, and 2011/65/EU. The original EU Declaration of conformity may be found at <http://www.cudy.com/>

- **Email:** support@cudy.com
- **Website:** www.cudy.com

Documents / Resources



[Cudy GS1018PS2 16-GbE PoE Switch Unit](#) [pdf] Installation Guide

1.0, GS1018PS2 16-GbE PoE Switch Unit, GS1018PS2, GS1018PS2 PoE Switch Unit, 16-GbE PoE Switch Unit, 16-GbE Switch Unit, PoE Switch Unit, Switch Unit, Switch, Unit

References

- [!\[\]\(83eb2aa26b610eb6a9dca7cf4702d681_img.jpg\) **Cudy, Your Home and Business Networking Solutions Provider**](#)
- [!\[\]\(94dfacbf937cdd7da4837a6fcd8fc785_img.jpg\) **Cudy, Your Home and Business Networking Solutions Provider**](#)
- [**User Manual**](#)

[Manuals+](#), [Privacy Policy](#)

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