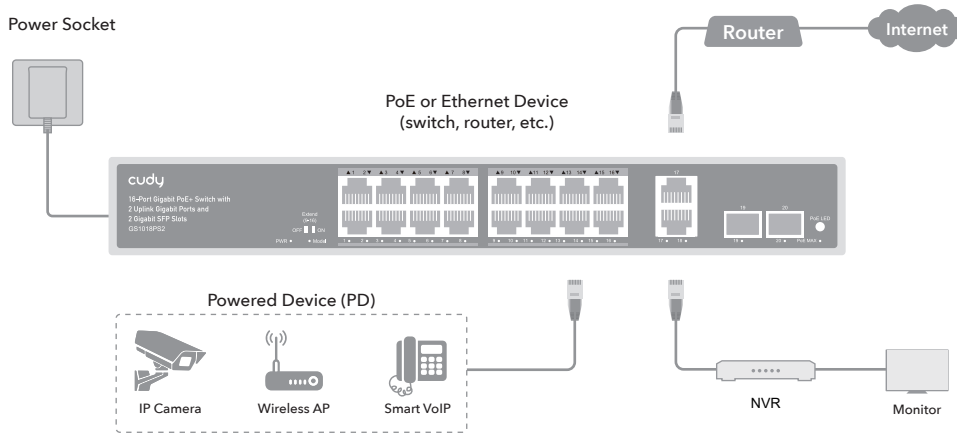
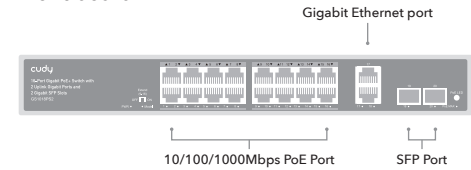


## 1 Hardware Connection

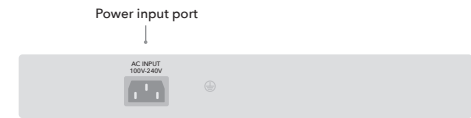


## 2 Physical Appearance

### Front board



### Back board



## 3 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

## 4 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)

## 5 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
	Off	Indicates that PoE power usage is less than 90%
POE MAX (Green)	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)

## Quick Installation Guide

Model: GS1018PS2

### EU declaration of conformity

Cudy hereby declares that the device is in compliance 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/>



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