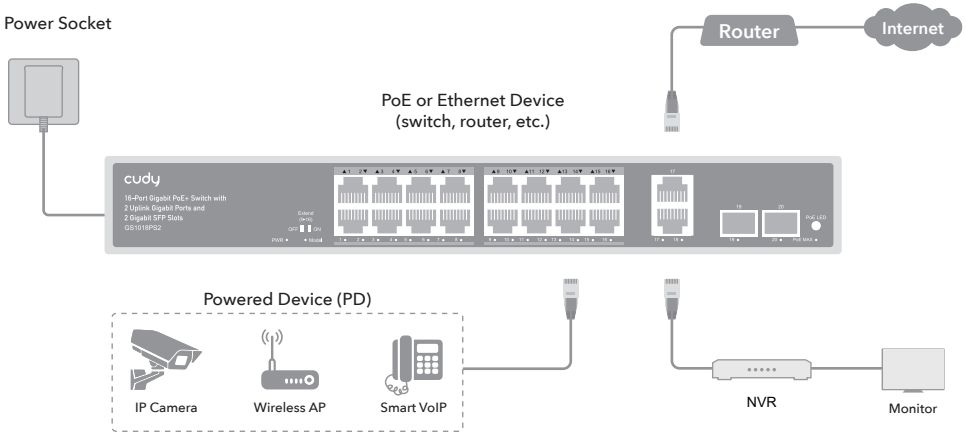
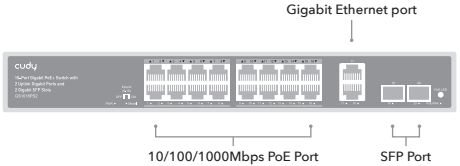
1 Hardware Connection

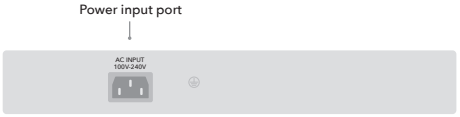


2 Physical Appearance

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
POE MAX (Green)	**Off**	Indicates that PoE power usage is less than 90%
	Flashing	Indicates PoE power usage of 90% ≤ P ≤ 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 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/

RoHS Made in China

810600223

Quick Installation Guide

Model: GS1018PS2

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