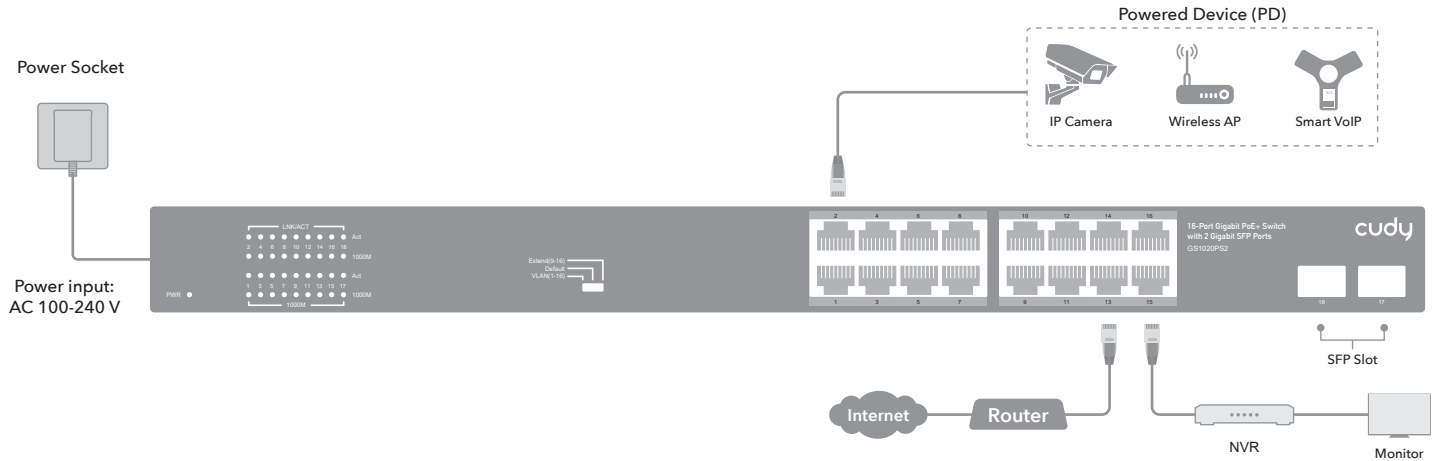


1 Hardware Connection



2 Specifications

Model	GS1020PS2
Network Protocols	IEEE802.3 / IEEE802.3u / IEEE802.3x IEEE802.3ab / IEEE802.3z
PoE Parameters	PoE Standard: IEEE802.3af / IEEE802.3at Max each port: 15.4 W (IEEE 802.3af) Max each port: 30 W (IEEE 802.3at) PoE compatibility: IEEE 802.3af/at adaptive PoE port output: DC 48-55 V Power Pin : Power over spare pairs 1/2 (+) , 3/6 (-)
Network Media	10BASE-T: Cat 5E UTP (≤250 m) 100BASE-TX: Cat5 or more UTP (≤100 m) 1000BASE-TX: Cat5 or more UTP (≤100 m)

Bandwidth	36 Gbps
MAC	8 K
Packet Buffer Memory	4 Mb
Packet Forwarding Rate	26.784 Mpps
Power Supply	Power input: AC 100-240 V 50/60 Hz, Output: DC 52 V 3.85 A Power Budget: 200 W
Working Environment	Operating Temperature: -20°C ~ 50°C; Storage Temperature: -40°C ~ 80°C; Operating Humidity: Max 90%, non-condensing Storage Humidity: Max 95%, non-condensing Working Altitude: Max 10,000 ft (3,000 m) Storage Altitude: Max 10,000 ft (3,000 m)

3 DIP Explanation

VLAN (1-16 Ports)	Port Isolation	Downlink ports are isolated from each other and only transmit data via the uplink port.
Default	Standard Switch	All ports communicate freely
Extend (9-16 Ports)	Link Extension	The specific ports extend their transmission distance to 250 meters while reducing the speed to 10 Mbps.

Quick Installation Guide

Model: GS1020PS2

4 LED and Interface Explanation

PWR	Power supply indicator Red	ON	Powered
		OFF	No power
1-16 Port	RJ-45 LINK indicator Green	ON	1000 M Connected
		OFF	10/100 M or Disconnected
1-16 Port	RJ-45 ACT indicator Green	ON	Connected
		OFF	Disconnected
		Flashing	Data Transmit

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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