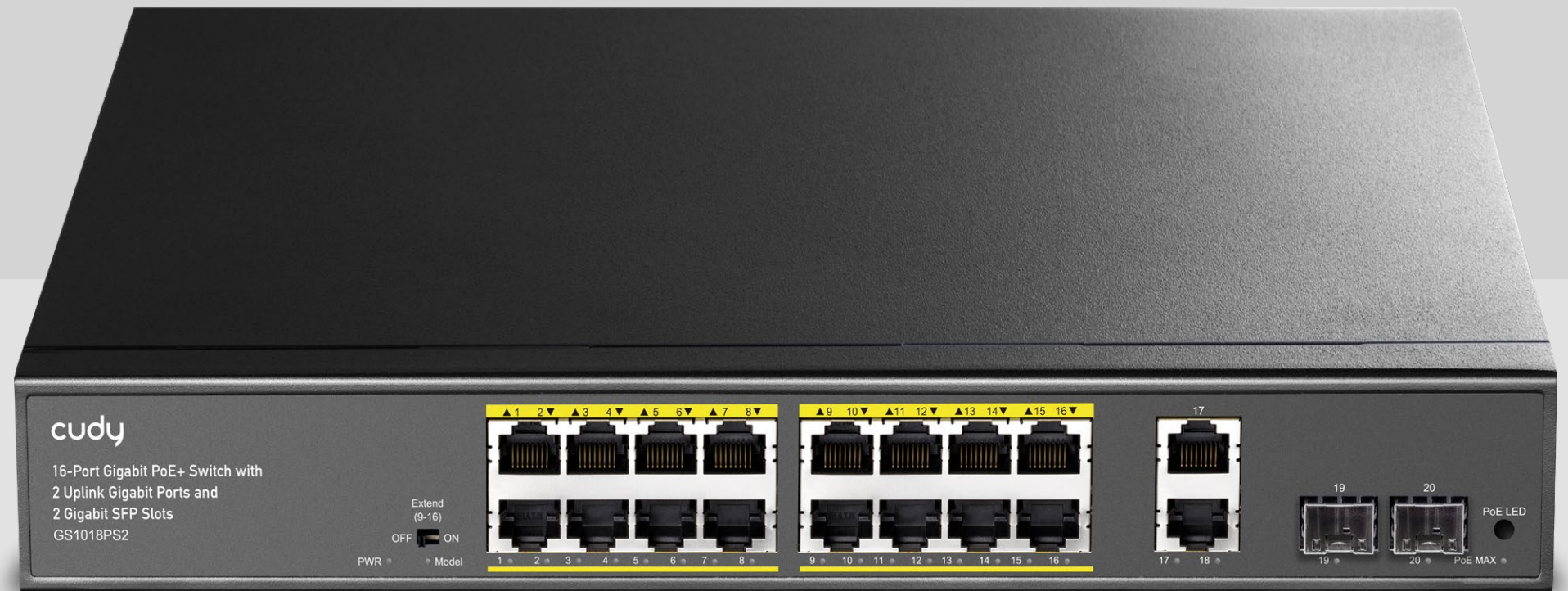




Model

GS1018PS2

16-Port Gigabit PoE+ Switch with
2 Uplink Gigabit Ports and 2 SFP Slots



Datasheet



Features

- 16× PoE+ GbE + 2× Uplink GbE + 2× SFP Slots
- Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab Standard
- Extend transmission distance to 250 m for ports 9~16 in Extend mode
- POE priority from ports 1~16 enabled by default
- Watchdog automatically reboots unresponsive clients connected to ports 1~16 to improve system stability under Extend mode
- Flow control full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
- Panel indicator monitors status and helps failure analysis
- Display PoE budget usage with PoE status light
- Display PoE powering status at each port
- Surge Protection: Max 4KV common protection
- ESD Preotcion: Max 8KV air / 6KV contact protection

Specifications

Power	AC100-240V 50/60Hz
Ethernet	16× Gigabit PoE Ports
	2× Uplink Gigabit Ports
	2× Gigabit SFP Slots
Chipset	EN8850DH, RTL8238B
Bandwidth	40 Gbps
Pack forward rate	29.76 Mpps
Packet Buffer	3 Mbit
MAC Address	8K
Forwarding Mode	Store and Forward
Network Protocols	IEEE802.3 (Ethernet)
	IEEE802.3u (Fast Ethernet)
	IEEE802.3ab (Gigabit Ethernet)
	IEEE802.3x (Flow Control)
	IEEE 802.3z (Gigabit Fiber Standard)
PoE Protocols	IEEE802.3af (15.4W)
	IEEE802.3at (30W)
	POE port output voltage: DC 44-57V
	POE power supply core: 1/2+; 3/6-
Industry Standards	EMS: EN61000-4-2 (ESD)
	EN61000-4-5 (Surge)



Specifications

Network medium	10Base-T: Cat 3, 4, 5 Class or above UTP/STP (≤ 100m)
	100Base-TX: Cat 5 Class or above UTP/STP (≤ 100m)
	1000Base-TX: Cat 5 Class or above UTP/STP (≤ 100m)
Optical Mediumt	Multimode optical fiber: 50/125, 62.5/125, 100/140um
	Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um
Working Environment	Working temperature: -10~50°C
	Storage temperature: -40~70°C
	Working humidity: 10%~90%, non-condensing
	Storage humidity: 5%~95%, non-condensing
LED Indicator	PWR (Power), 1-20 Green Light (Link&Data),
	1-16 (Yellow Light), POE Led Key
PWR	On: Powered on
	Off: Powered off
1-20 Green Light (Link&Data)	On: Link normal
	Off: Link blocked
	Flashing: Data transmitting
1-16 Yellow Light (PoE Powering)	On: PoE on
	Off: PoE off
PoE Status Indicator	Off: indicates PoE power usage is less than 90%
	Flashing: indicates PoE power usage of 90% ≤ P ≤ 95%
	On: indicates that PoE power is used at 95%<P<100%

Mode DIP Switch light	On: Extend on
	Off: Extend off
LED Switch Button	Switch the PoE Powering Light between default green (link data) and yellow (PoE powering)
Extend DIP Switch	OFF: common mode, all interfaces can communicate with each other, the transmission distance is less than 100 meters, the transmission rate is 10/100/1000M adaptive; The watchdog is disabled
	ON: Link extension mode, 9-16 ports force 10 Mbps, distance extended to 250 meters. watchdog is enabled for ports 1-16
Structure Size	Product Dimensions: 320*207*44mm
	Package Dimensions: 370*290*85mm
	Product N.W: 1.78KG
	Product G.W: 2.28KG
Packing Info	Carton Dimensions: 445*310*390mm
	Packing Quantity: 5 PCS
	Packing Weight: 12.4 KG
Power Voltage	Input Voltage: AC 100-240V 50-60Hz
	Supply Power: 52V / 3.84A
Power	Non PoE board power: maximum 10W
	PoE power: maximum 180W
Package List	1× Switch, 1× Power Cord, 1× User Manual