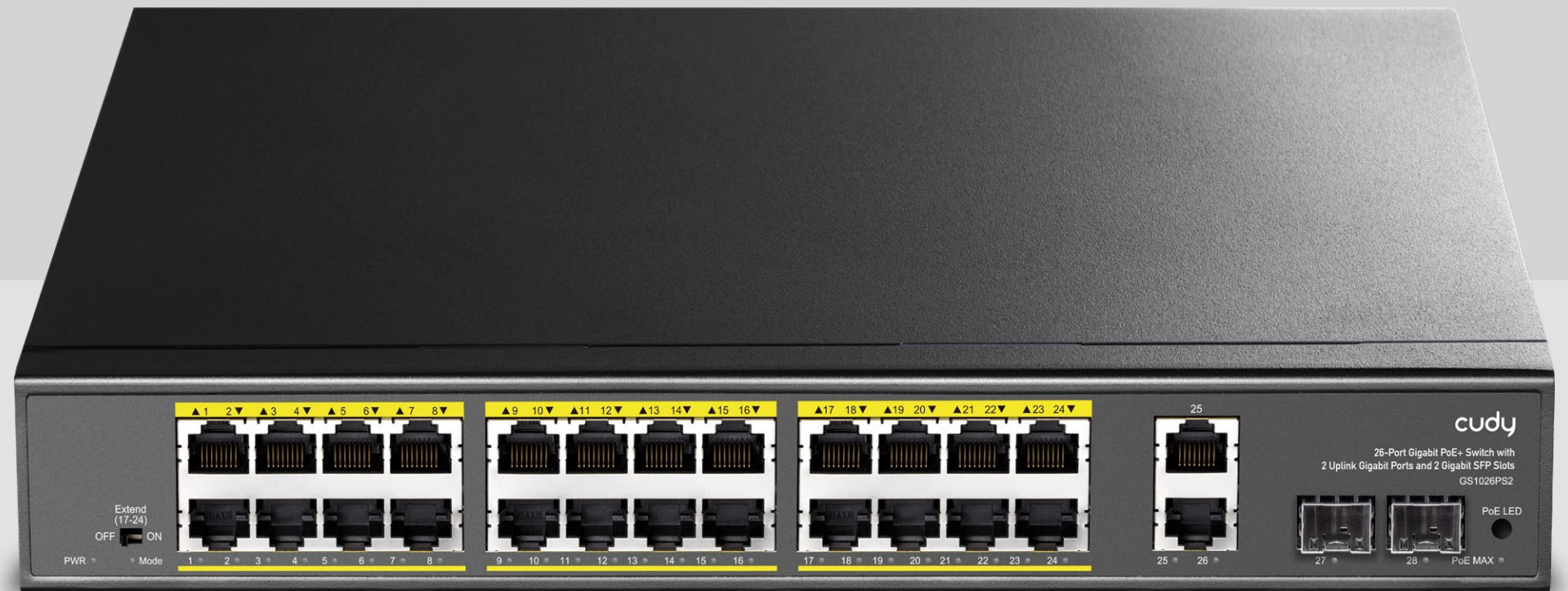




Model

GS 1026PS2



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

Datasheet



Features

- 24× PoE+ GbE + 2× Uplink GbE + 2× Uplink SFP
- Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab Standard;
- Ethernet Ports support 10/100/1000M self- adaptive;
- Extend transmission to 250 m for ports 17~24 in Extend mode
- POE priority from ports 1~24 enabled by default
- Watchdog automatically reboots unresponsive clients connected to ports 1~24 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 / 2KV differential protection
- ESD Protection: Max 8KV air / 6KV contact protection

Specifications

Power	AC100-240V50/60Hz
Ethernet	24× Gigabit PoE Ports 2× Uplink Gigabit Ports 2× Gigabit SFP Ports
Chipset	EN8850DH, RTL8238B
Bandwidth	56 Gbps
Pack forward rate	41.644 Mpps
Packet Buffer	3 Mbit
MAC Address	8K
Forwarding Mode	Store and forward
Network Protocol	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE802.3x (Flow Control) IEEE 802.3z (Gigabit Ethernet Fiber Standard)
PoE protocol	IEEE802.3af (15.4W) IEEE802.3at (30W) POE port output voltage: DC 44~57V POE power supply core: 1/2+; 3/6-
Industry Standard	EMS: EN61000-4-2 (ESD) EN61000-4-5 (Surge)



Specifications

Network medium	10Base-T: Cat 3, 4, 5 Class or above UTP/STP ($\leq 100\text{m}$) 100Base-TX: Cat 5 Class or above UTP/STP ($\leq 100\text{m}$) 1000Base-TX: Cat 5 Class or above UTP/STP ($\leq 100\text{m}$)
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: $-10\sim 50^{\circ}\text{C}$ Storage temperature: $-40\sim 70^{\circ}\text{C}$ Working humidity: 10%~90%, non-condensing Storage humidity: 5%~95%, non-condensing
LED Indicator	PWR (Power), 1-28 Green Light (Link&Data), 1-24 (Yellow Light), POE Led Key
PWR	On: Powered on Off: Powered off
1-28 Green Light (Link&Data)	On: Link normal Off: Link blocked Flashing: Data transmitting
PoE Status Indicator	Off: indicates PoE power usage is less than 90% Flashing: indicates PoE power usage of $90\% \leq P \leq 95\%$ On: indicates that PoE power is used at $95\% < P < 100\%$
Mode DIP Switch light	On: Extend on Off: Extend off

1-16 Yellow Light (PoE Powering)	On: POE power supply is normal Off: POE not powered
PoE Led Key	Dual color light selection: default green (link data), switch yellow light (PoE)
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 port AI mode is disabled ON: Link extension mode, 17~24 ports force 10 Mbps, distance extended to 250 meters. watchdog is enabled for ports 1-24
Structure Size	Product Dimensions: 320*207*44mm Package Dimensions: 370*290*85mm Product N.W: 1.967KG Product G.W: 2.497KG
Packing Info	Carton Dimensions: 445*310*390mm Packing Quantity: 5 PCS Packing Weight: 13.485KG
Power Voltage	Input Voltage: AC 100-240 V 50-60Hz Supply Power: 52V /5.76A
Power	Power Supply: 300W POE Budget: 280W
Package List	1 × Switch, 1 × Power Cord, 1 × User Manual