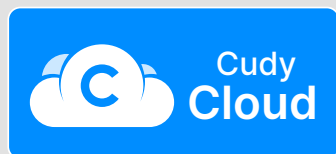


Model: GS1028EPS2

24-Port Gigabit Cloud Easy-Managed PoE+ Switch with 2 GbE and 2 Combo Ports



 **24** PoE+ Port, **2** RJ45 Ports, **2** RJ45/SFP Combo Ports

 **300W** Power Supply

 **L2 Management Features** VLAN | QoS | Port Trunk

[Datasheet](#)



Highlights

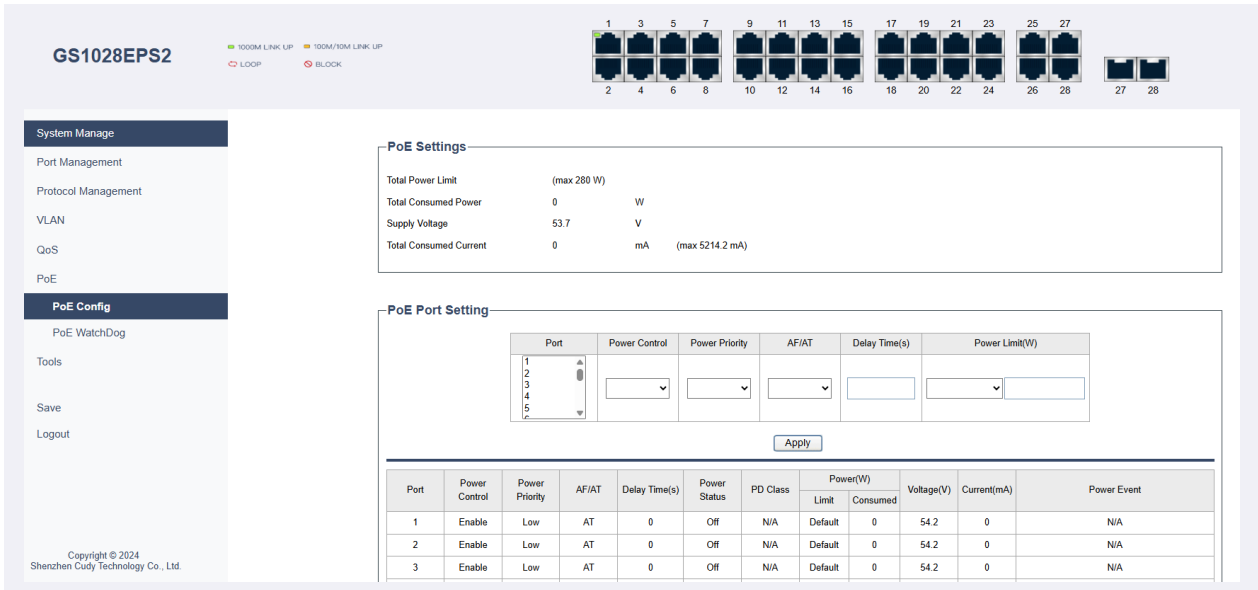
A cloud-managed rack-mounted 24 GbE, 2 Uplink GbE, 2 Uplink Combo Ports rack-mounted PoE switch with a 300W power supply and management features.

- 24× GbE with 802.3at/af Mode A PoE
- 2× Uplink GbE + 2× Uplink Combo
- 300W Power Supply
- PoE Max Status LED
- Per-Port PoE Management
- Web Management, SNMP
- VLAN (802.1Q/MTU/Port-Based)
- QoS (802.1p/DSCP/Port-Based)
- Port Mirror, Static Aggregation, etc
- Loop Prevention
- DHCP Snooping, IGMP Snooping
- 440×220×44 mm (17.32×8.66×1.73")

Package Content

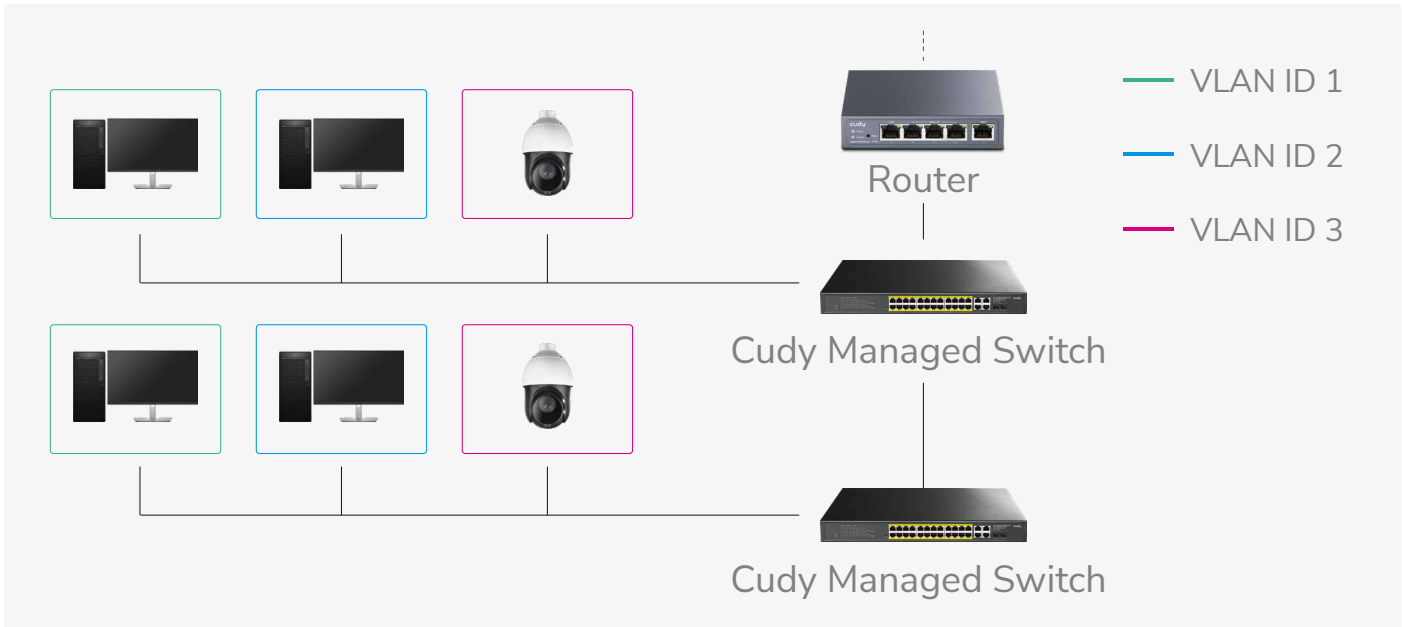
- GS1028EPS2
- Power Cord
- Mounting Kit
- Installation Guide

Per-Port PoE Control



Configure PoE priority, set power limit for each port or the whole system, or customize the PoE watchdog (auto recovery) period. The panel gives you full control over the PoE management.

Create a Safe Network with VLAN





Specifications

Interfaces	Gigabit SFP/RJ45 Combo Ports	2
	Gigabit RJ45 Ports	26
	Gigabit RJ45 PoE Ports	#1~#24
	Max Power on a Single PoE Port	30W
	PoE Port Notes	The PoE ports comply with IEEE 802.3at/af standards.
	PoE Priority	Configurable. If no priority is configured, smaller-numbered ports have higher priority.
	Shielded RJ45 Port	True
	Extend Mode Ports	Configurable
	VLAN Mode Ports	Configurable
	LED	Power
		PoE Status of Each PoE Port
		Link/ACT of Each Ethernet Port
		PoE Max Status
	Power Input	AC Inlet
	Physical Buttons	Reset Button
	Watchdog Note	The PoE Watchdog will attempt to reboot the plugged-in clients that have been inactive for 5 minutes. Do not turn it on for clients with online auto-upgrade feature.

Performance	Copper Speed and Distance	Cat. 3 or higher cable:
		100 meters at 10 Mbps
		Cat. 5 or higher cable:
		100 meters at 100 Mbps
		Cat. 5e or higher cable:
	Copper Speed and Distance Note	100 meters at Gigabit
		Cat. 5e or higher cable:
		250 meters at 10 Mbps
		250-meter transmission is available when the port speed is set at 10 Mbps in the management system.
	Optical Spec and Distance	Depends on the Installed Optical Module
	MAC Address Table	8192
	Max VLANs	4096
	Max Switching Capacity	56 Gbps
	Max Forwarding Rate	41.664 Mpps
	Jumbo Frame	15 KB
	Packet Buffer	4 Mbit
Power	Power Methods	AC
	AC	100-240V~, 50/60Hz
	Power Supply	300W
	Max Power Excluding PoE	20W



Specifications

Switching	802.3 Protocols	802.3x Flow Control
		802.3i 10BASE-T
		802.3u 100BASE-TX
		802.3ab 1000BASE-T
		802.3z 1000BASE-X
		802.3az Power Saving
		802.3af PoE/802.3at PoE
	802.1 Protocols	802.1p: LAN Layer 2 QoS/CoS
		802.1q: VLAN Bridge Operation
		802.1ab: LLDP/LLDP-MED
	Ethernet	Full Duplex, Half Duplex (CSMA/CD)
		Auto-Negotiation, Auto MDI/MDIX
	Forwarding Methods	Store-and-Forward
	Port Management	Port On/Off
		Port Negotiation Speed
		Port Trunk (Static Aggregation)
		Port Mirror
		Data Rate Limit
		Jumbo Frame Settings
		Storm Control
		Traffic Monitor
		MAC Address Management
		EEE (802.3az)

Switching	PoE Management	PoE Priority
		PoE Watchdog On/Off
		PoE Watchdog Period/Packet Threshold
		PoE Consumed Power
		PoE Standard
		Delayed PoE Delivery
		Total PoE Power Limit
		PoE Power Limit
	L2 Features	IGMP Snooping
		Loop Prevention
		DHCP Snooping
		LLDP Config and Neighbors
		MTU VLAN
		Port-Based VLAN
		802.1Q VLAN
		DSCP QoS
		802.1p QoS
		Port-Based QoS
		8-Queue
		SP/WRR/WFP Scheduling
	Fans	1 Fan. Fan speed adjusts in real time based on the power consumption
	Grounding Methods	Three-Prong Plug, Grounding Point



Specifications

Reliability	EMS	IEC/EN 61000-4-2, Level 3 ESD:
		Contact: 6kV; Air: 8kV
		IEC/EN 61000-4-5, Level 4 Surge: Power:
		DM 2kV, CM 4kV; RJ45: CM 6kV
	Environment	Operating Temperature: 0~40 °C (32~104 °F) Storage Temperature: -40~70°C (-40~158 °F) Operating Humidity: 10~90% non-condensing Storage Humidity: 10~95% non-condensing
System	MTBF	>200,000 h
	Control Methods	Config Web Page, Cudy App via Cudy Cloud SNMP V1/V2
	Firmware Upgrade	Local Upgrade
	Reliability	Backup and Restore
	Diagnostic Tools	Cable Status/Length Diagnosis Ping
	Languages	• English • Arabic
		• Bengali • Indonesian
		• German • Hindi
		• Spanish • Urdu
		• French • Traditional Chinese
		• Portuguese • Simplified Chinese
		• Russian

Mechanical	Dimension	440×220×44 mm
		17.32×8.66×1.73 inches
	Casing Material	Metal
	Installation	Desktop Rackmount via Brackets
Ordering Information	Retail Package Dimension	487×307×84 mm
		19.17×12.09×3.31 inches
	Units per Carton	5
	Carton Dimension	51×44.3×32.5 cm
		20.08×17.44×12.8 inches