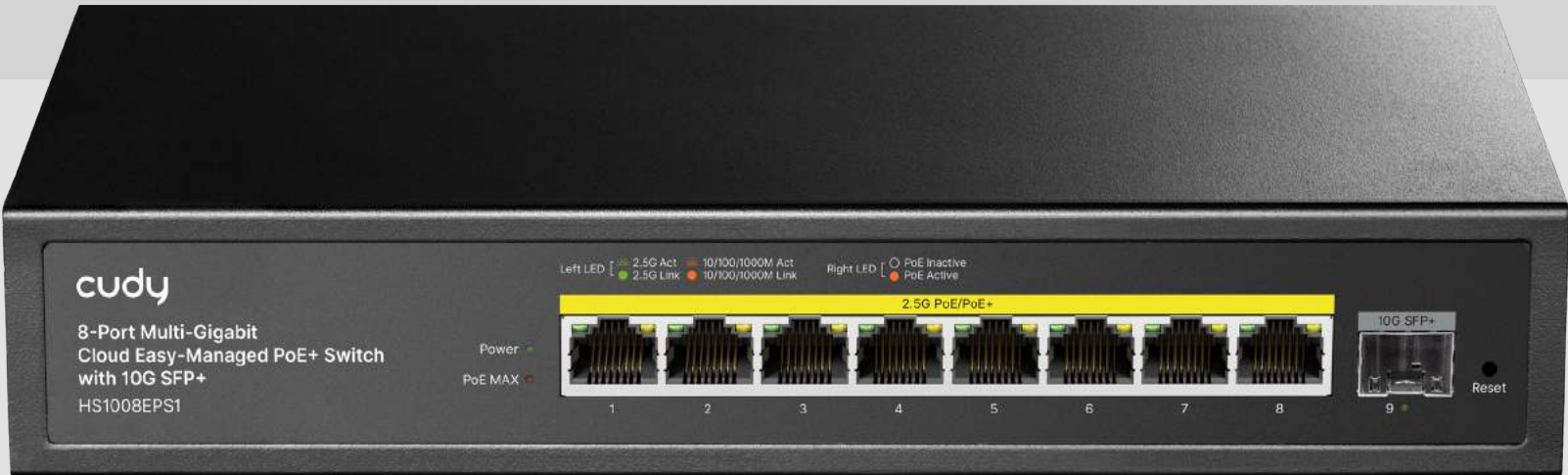




Model: HS1008EPS1

8-Port Multi-Gigabit Cloud Easy-Managed PoE+ Switch with 10G SFP+



10G SFP+

2.5G PoE+ RJ45

120W

Power Supply

Cudy Cloud

[Datasheet](#)

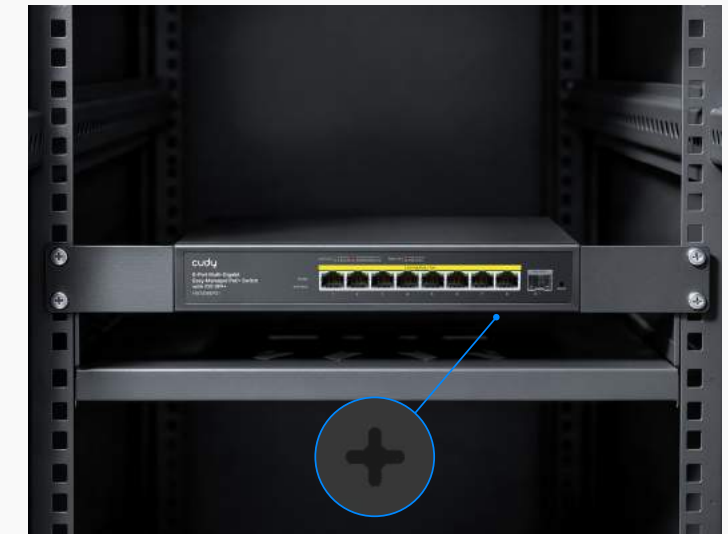
Built for Connecting 2.5G AP, NAS, and PC



2.5G RJ45 PoE+. 10G SFP+ Uplink.

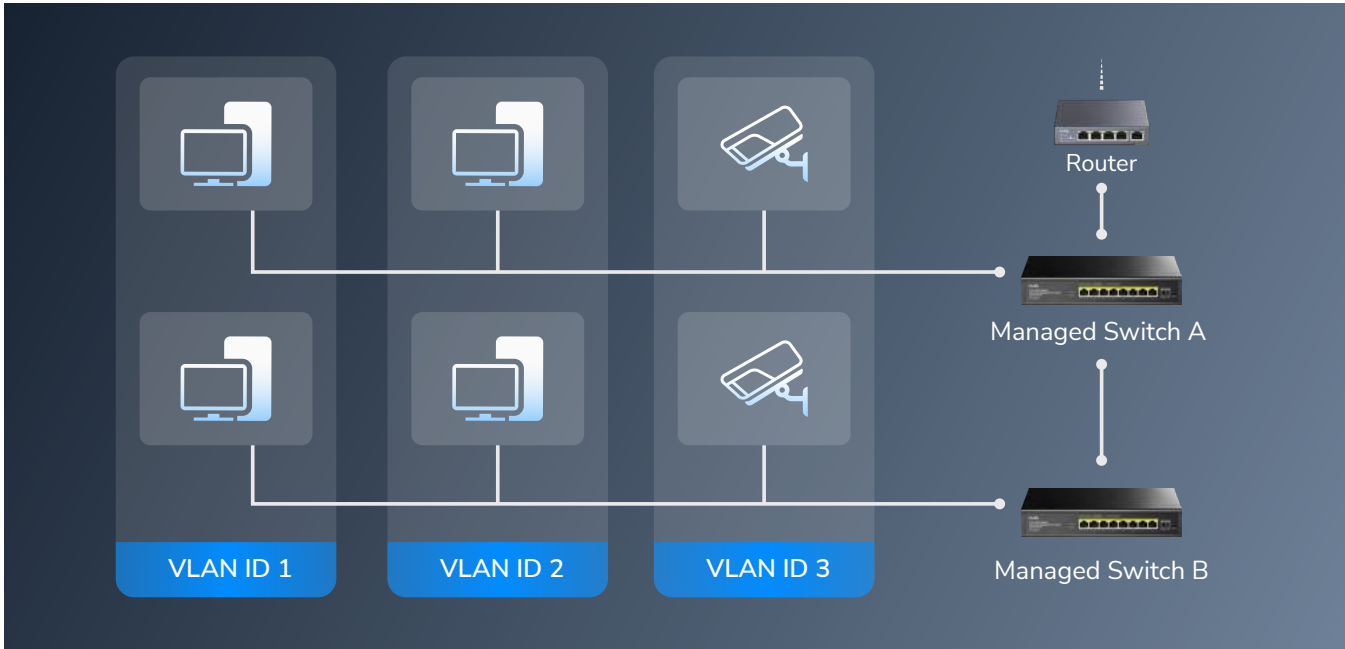


Metal Casing, Decent Cooling,



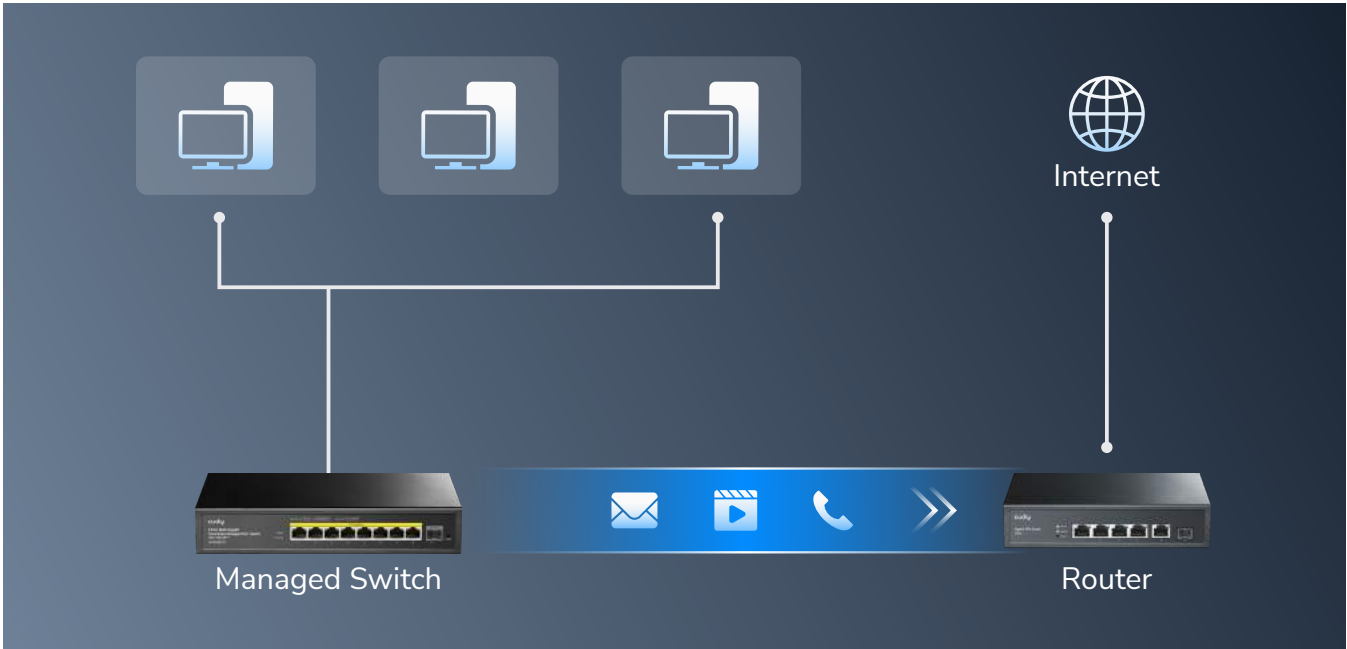
Wall-Mount & Rackmount

Essential Managment Features



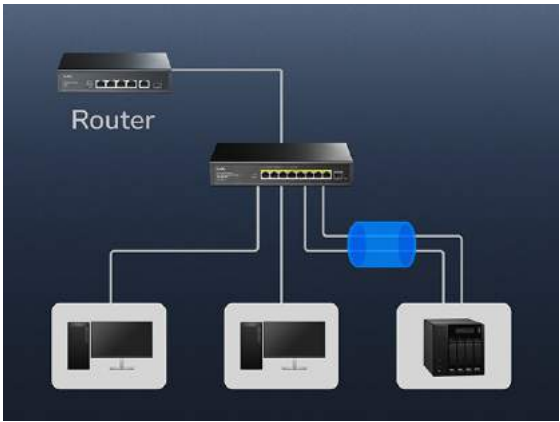
802.1Q VLAN

802.1Q VLANs allows creating secure and high-performance network segments across different managed switches.



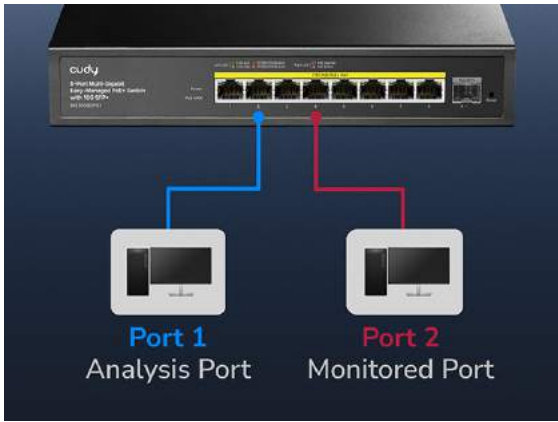
DSCP/802.1p/Port-Based QoS

DSCP/802.1p QoS identifies DSCP packets in the tranmission and prioritize those latency-sensitive data.



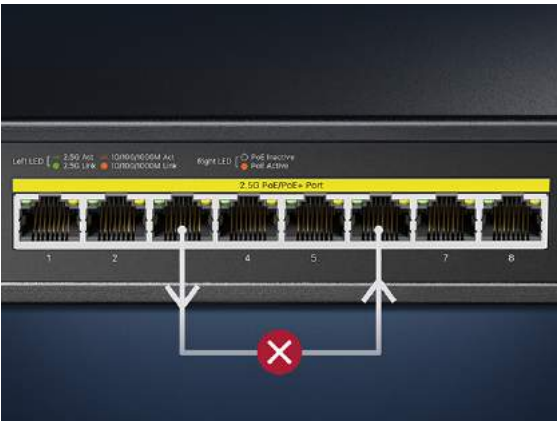
Link Aggregation

Allows creating multiple LAG groups and multiply the transmission speed of the backbone in your networks.



Port Mirroring

Port Mirroring enables real-time diagnosis and troubleshooting by monitoring TX and/or RX traffic on one or multiple ports.



Loop Detection and Prevention

Automatically detects network loops and blocks affected ports. The indicators will show what ports caused loops.



Cloud Management

Manage switch configuration via cloud

Highlights

A multi-Gigabit PoE+ switch featuring eight 2.5GbE 802.3af/at RJ45 ports, one 10Gbps SFP+ port, and essential management features—ideal for connecting 2.5G access points, NAS devices, and bandwidth-demanding computers.

- 8× 2.5GbE with 802.3at/af Mode A PoE
- 1× 10G SFP+
- 120W Power Supply
- PoE Max Status LED
- Web Management
- Cudy App, Cloud Control
- Per-Port PoE Management
- VLAN, QoS, Port Trunk, etc
- Loop Prevention
- Desktop, Rack-Mount
- 256×170×44 mm (10.08×6.69×1.73")

Package Content

- HS1008EPS1
- Power Cord
- Mounting Kit
- Installation Guide





Specifications

Interfaces	10G SFP+ Slots	1 (10G/2.5G/1G speeds)
	2.5G RJ45 Ports	8 (2500/1000/100/10M speeds)
	2.5G RJ45 PoE Ports	#1~#8
	Max Power (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, SFP+ Status
		Speed/Link/Act of Each Ethernet Port
		PoE Max Status
		PoE Status of Each PoE Port
	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. You can extend the wait time to suit client devices 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 2.5 Gbps
		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	4096
	Max Switching Capacity	60 Gbps
	Max Forwarding Rate	44.64 Mpps
	Jumbo Frame	9 KB
	Packet Buffer	4 Mbit
Power	Power Methods	AC
	AC	100-240V~, 50/60Hz
	Power Supply	120W
	Max Power Excluding PoE	12W



Specifications

Switching	802.3 Protocols	802.3x Flow Control
		802.3i 10BASE-T
		802.3u 100BASE-TX
		802.3ab 1000BASE-T
		802.3bz 2.5GBASE-T
		802.3z 1000BASE-X
		2.5GBASE-X
		802.3ae 10GBASE-R
		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
	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	Loop Prevention
		802.1Q VLAN
DSCP QoS		
802.1p QoS		
Port-Based QoS		
Reliability	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 4kV, 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: 5~95% non-condensing
System	Control Methods	Config Web Page, Cudy App
	Firmware Upgrade	Local Upgrade, Cudy App
	Reliability	Backup and Restore
	Diagnostic Tools	Ping
	Languages	• English • Arabic
		• Bengali • Indonesian
		• German • Hindi
		• Spanish • Urdu
		• French • Traditional Chinese
		• Portuguese • Simplified Chinese
		• Russian

Mechanical	Dimension	256×170×44 mm
		10.08×6.69×1.73 inches
	Casing Material	Metal
	Installation	Desktop
		Rackmount via Brackets
Ordering Information	Retail Package Dimension	304×245×84 mm
		11.97×9.65×3.31 inches
	Units per Carton	10
	Carton Dimension	50.2×44.4×33 cm
		19.76×17.48×12.99 inches