



Model: GS108E

8-Port Gigabit Cloud Easy-Managed Switch

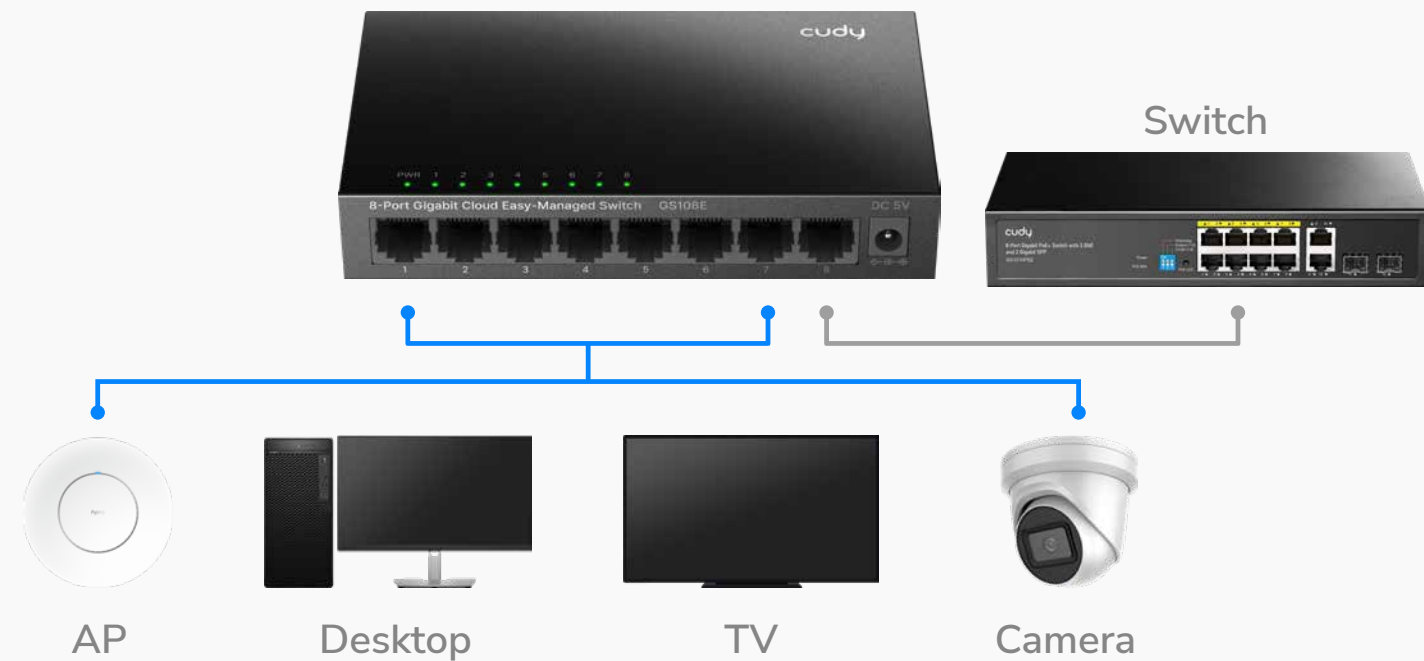


Web Management
VLAN | QoS | Port Trunk

[Datasheet](#)

Cloud Easy-Managed Switch

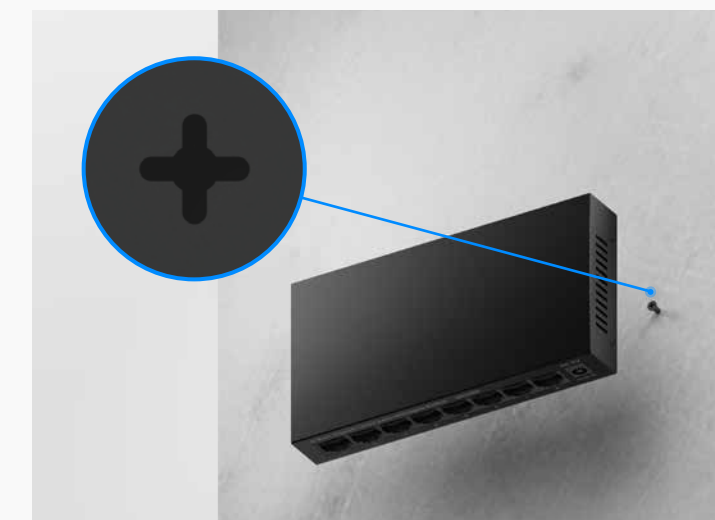
A switch with Gigabit connections speed and SFP for long-distance uplinks. It offers essential L2 management features to keep your network secure, efficient, and easy to control. The Cudy Cloud support allows remote management for convenient IT maintenance and troubleshooting.



Gigabit Speeds



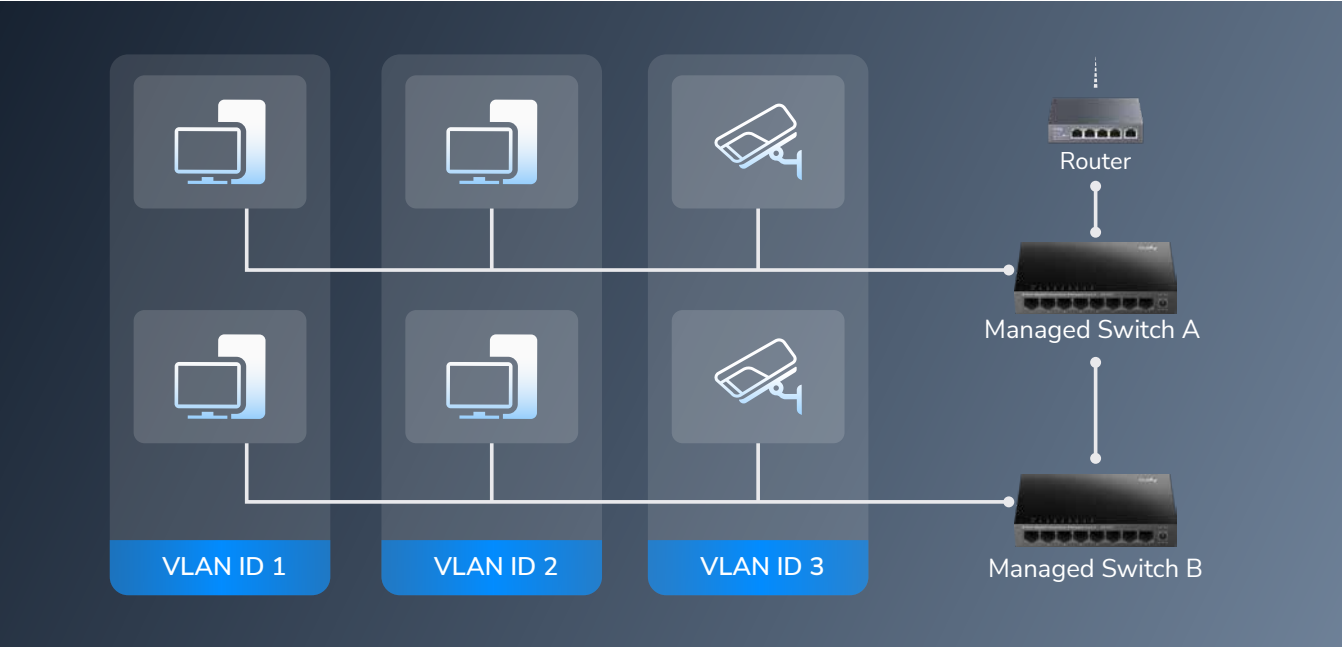
Saves Power. Saves Bills.



Wall-Mount

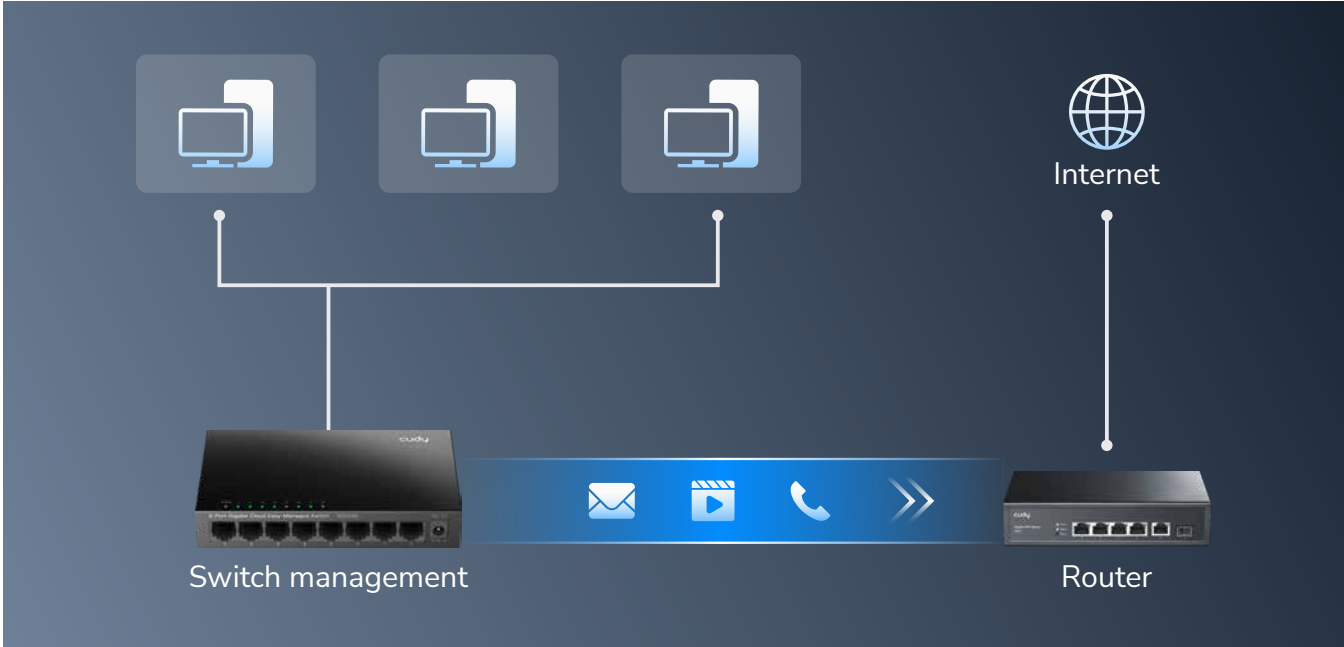
Essential Managment Features

A software features introduction to Cudy East-Managed Switches. The actual port number varies



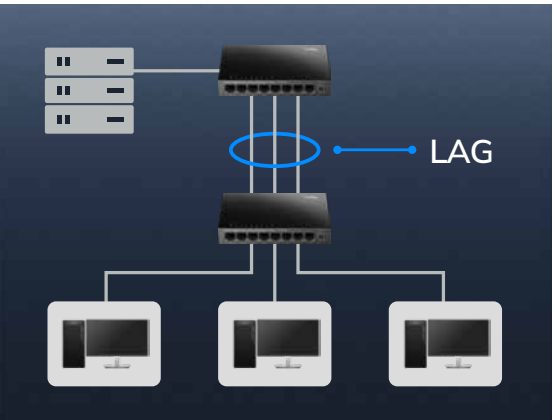
802.1Q/MTU/Port-Based VLAN

802.1Q VLANs allows creating secure and high-performance network segments across different managed switches. The other MTU/Port-Based VLAN enable simpler local VLAN configuration.



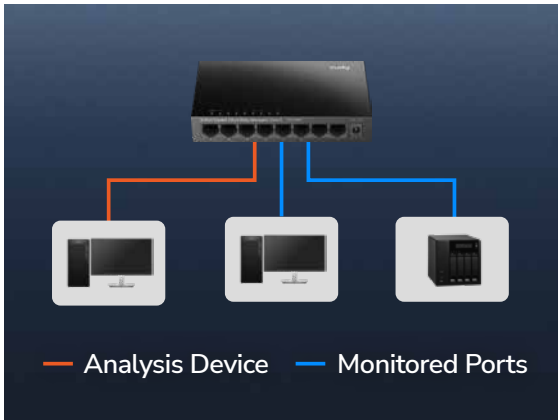
DSCP/802.1p/Port-Based QoS

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



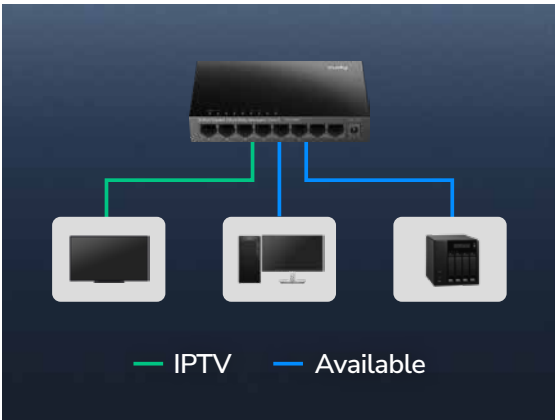
Link Aggregation

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



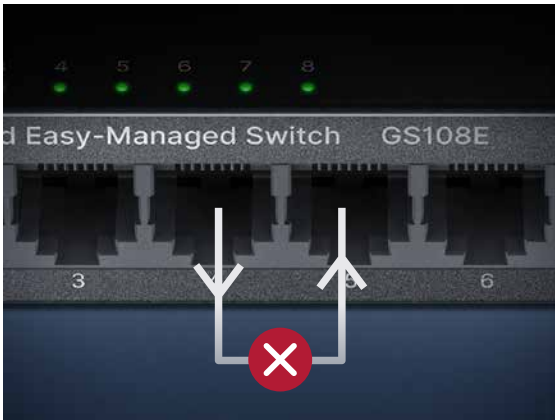
Port Mirroring

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



IGMP Snooping

Identifies the multicast groups connected to the switch and sends data to the exact ports instead of broadcasting them.



Loop Detection and Prevention

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



Highlights

A 8-GbE switch with essential L2 management features and Cudy Cloud support.

- 8× Gigabit Ethernet Ports
- Web Management, SNMP
- Remote Management via Cudy Cloud (Cudy App)
- VLAN (802.1Q/MTU/Port-Based)
- QoS (802.1p/DSCP/Port-Based)
- Port Mirror, Static Aggregation, etc
- Loop Detection and Prevention
- DHCP Snooping, IGMP Snooping
- EEE (802.3az Power Saving)
- Desktop, Wall-Mount
- 138×78×25 mm (5.43×3.07×0.98")

Package Content

- GS108E
- Power Adapter
- Installation Guide

Hardware Specs

Memory/Storage	Flash/ROM	8 MB (64 Mbit) NOR
Interfaces	Gigabit RJ45 Ports	8
LEDs and Buttons	LEDs	Power
		Speed/Link/ACT of Each Ethernet Port
	Buttons	Reset Button
Performance	Copper Speed	Cat. 3 or higher cable: 100 meters at 10 Mbps
	and Distance	Cat. 5 or higher cable: 100 meters at 100 Mbps
		Cat. 5e or higher cable: 100 meters at Gigabit
		Cat. 6 or higher cable: 170 meters at Gigabit
	MAC Address Table	4096
	VLANs	4096
	Max Switching Capacity	16 Gbps
	Max Forwarding Rate	11.904 Mpps
	Jumbo Frame	15 KB
	Packet Buffer	1.5 Mbit
Power	Power Input	DC Jack
	Power Saving	Support
	Power Methods	DC
	DC	5V 0.55A
	Max Power Consumption	2.2W
	Idle Power Consumption	0.3W



Hardware Specs

Reliability	Lightning/Surge Protection	2kV
	ESD Contact Protection	4kV
	ESD Air Protection	8kV
	Environment	Operating Temperature:
		0 °C ~ 40 °C (32 °F ~104 °F)
		Storage Temperature:
		-40 °C~ 70 °C(-40 °F ~ 158 °F)
		Operating Humidity:
		10% ~ 90% non-condensing
		Storage Humidity:
		5% ~ 90% non-condensing
Mechanical	Dimension	138×78×25 mm
		5.43×3.07×0.98 inches
	Casing Material	Metal
	Installation	Desktop
		Wall-mount
Ordering Information	Retail Package Dimension	151×90.5×63 mm
		5.94×3.56×2.48 inches
	Units per Carton	40
	Carton Dimension	48.5×32.5×27.8 cm
		19.09×12.8×10.94 inches

Software Specs

Switching	802.3 Protocols	802.3x Flow Control
		802.3i 10BASE-T
		802.3u 100BASE-T
		802.3ab 1000BASE-T
		802.3az Power Saving
	802.1 Protocols	802.1p: LAN Layer 2 QoS/CoS
		802.1q: VLAN Bridge Operation
		802.1ab: LLDP/LLDP-MED
	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)
	Port Trunk Groups	4
	Max Port per Port Trunk Groups	7



Software Specs

Switching	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

System	Control Methods	WEB Management
		SNMP V1/V2
		Cudy App
		Firmware Upgrade
	Reliability	Local Upgrade
		Backup and Restore
		Cable Status/Length Diagnosis
	Diagnostic Tools	Ping
		Languages
		English
		Bengali
		German
		Spanish
		French
		Portuguese
		Russian
		Arabic
		Indonesian
		Hindi
		Urdu
		Traditional Chinese
		Simplified Chinese