



Model: GS1028ES2

26-Port Gigabit Light-Managed Switch with 2 Combo Ports



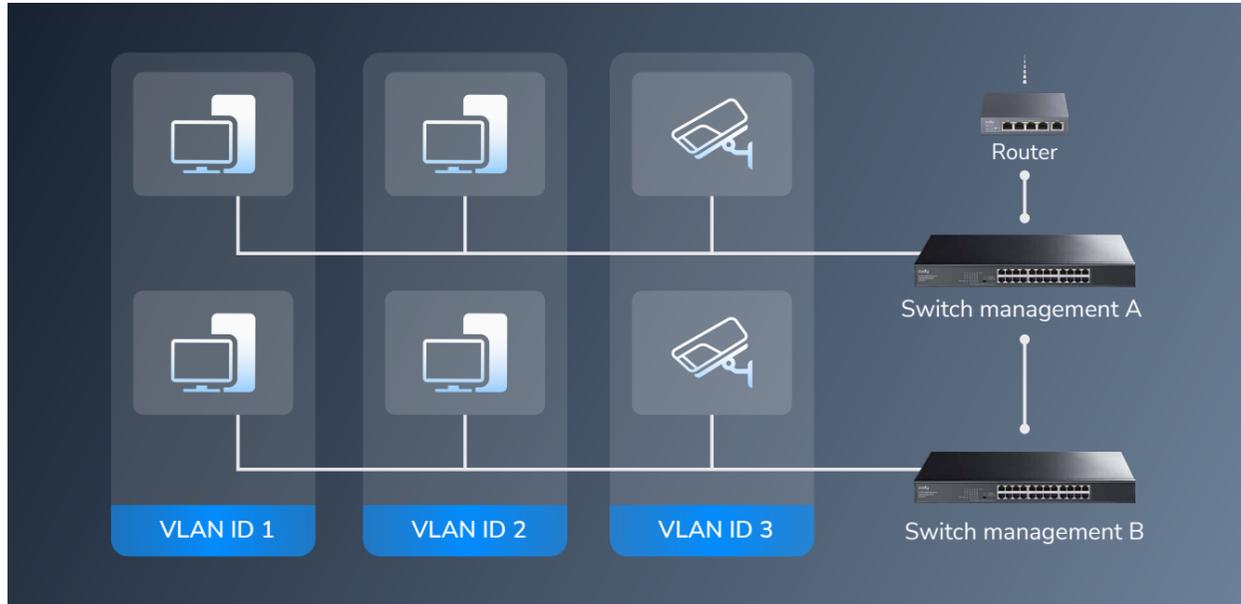
[Web Management](#)

VLAN | QoS | Port Trunk

[Datasheet](#)

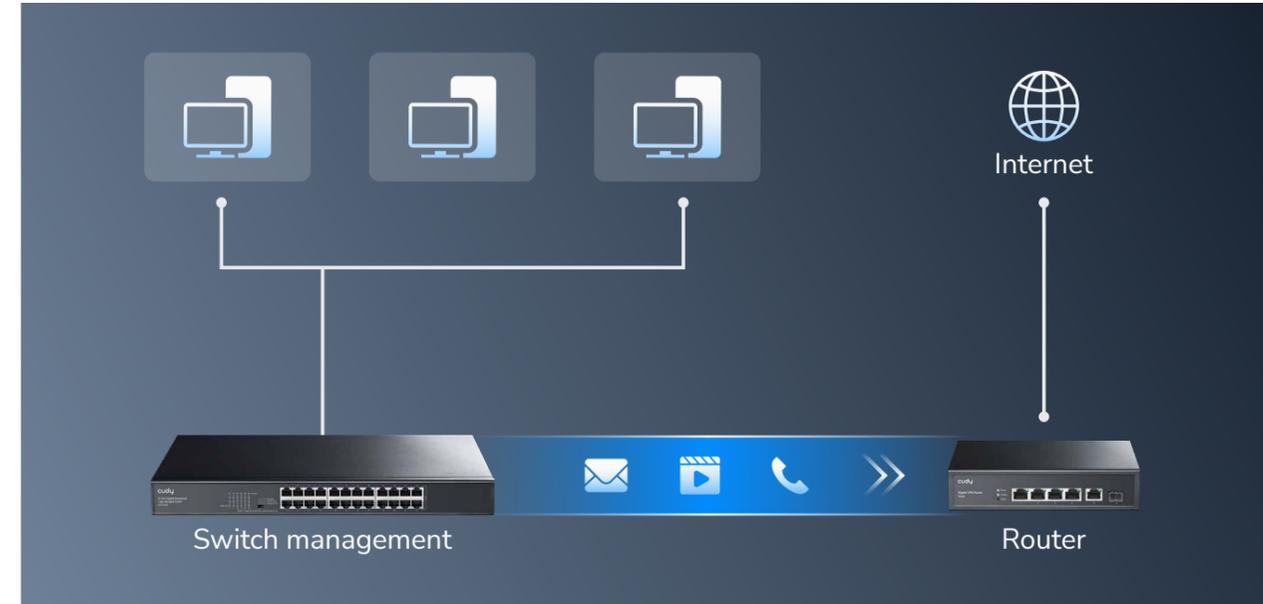
Essential Management Features

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



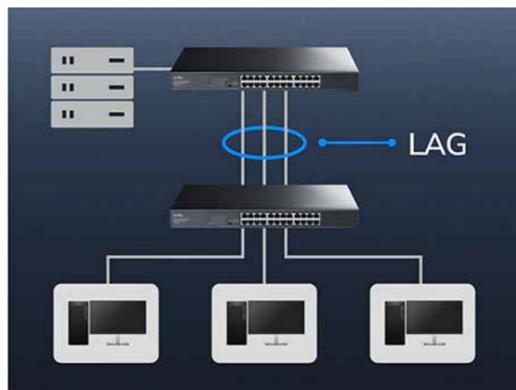
802.1Q/MTU/Port-Based/Voice VLAN

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.



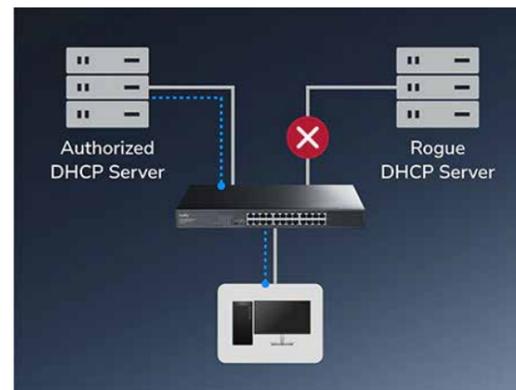
DSCP/802.1p/Port-Based QoS

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



Link Aggregation

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



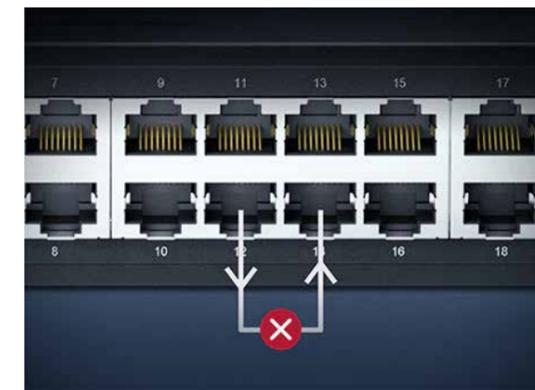
DHCP Snooping

Assign an authorized DHCP server to prevent downtime when other rogue DHCP server connects into the network.



IGMP Snooping

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



Loop Prevention

Automatically detects network loops and blocks affected ports.

Highlights

A 26-GbE switch with 2 Gigabit RJ45/SFP combo ports and management features.

- 26× GbE, 2× Combo Ports
- Web Management, SNMP
- VLAN (802.1Q/MTU/Voice/Port-Based)
- QoS (802.1p/DSCP/Port-Based)
- Port Mirror, Static Aggregation, etc
- DHCP Snooping, IGMP Snooping
- EEE (802.3az Power Saving)
- 440×180×44 mm (17.32×7.09×1.73")

Package Content

- GS1028ES2
- Power Cord
- Mounting Kit
- Installation Guide

Hardware Specs

Interfaces	Gigabit RJ45 Ports	26
	SFP/RJ45 Combo Ports	2
	Extend Mode Ports	Configurable
	VLAN Mode Ports	Configurable
	LED	Power Link/ACT of Each Ethernet Port
	Power Input	AC
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: 100 meters at Gigabit Cat. 5e or higher cable: 250 meters at 10 Mbps
	Copper Speed and Distance Note	250-meter transmission is available when the port speed is set at 10 Mbps in the software.
	Optical Spec and Distance	Depends on the installed Optical Module
	MAC Address Table	8192
	Max Switching Capacity	56 Gbps
	Max Forwarding Rate	41.664 Mpps
	Jumbo Frame	15 KB
Packet Buffer	4 Mbit	
Power	Power Saving	EEE Supported
	Power Methods	AC
	AC	100-240V 50/60Hz

Hardware Specs

Reliability	Grounding Methods	Three-Prong Plug
	EMS	IEC/EN 61000-4-2, Level 3 ESD: Contact: 6kV; Air: 8kV IEC/EN 61000-4-5, Level X Surge: Power: DM 4kV, CM 4kV; RJ45: CM 6kV
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	440×180×44 mm 17.32×7.09×1.73 inches
	Casing Material	Metal
	Installation	Desktop Rackmount via Brackets
Ordering Information	Retail Package Dimension	487×267×84 mm 19.17×10.51×3.31 inches
	Units per Carton	5
	Carton Dimension	50×44×28.5 cm 19.69×17.32×11.22 inches

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	8	



Hardware 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
	Firmware Upgrade	Local Upgrade
	Reliability	Backup and Restore
	Diagnostic Tools	Cable Status/Length Diagnosis
		Ping
	Languages	English
		Bengali
		German
		Spanish
		French
		Portuguese
		Russian
		Arabic
		Indonesian
		Hindi
		Urdu
		Traditional Chinese
		Simplified Chinese