



Model: GS1024E

24-Port Gigabit Rackmount Light Managed Switch



**Metal Casing**

Web Management
VLAN | QoS | Port Trunk



Highlights

A 24-GbE 19" width switch with management features.

- 24× GbE
- Web Management, SNMP
- VLAN (802.1Q/MTU/Voice/Port-Based)
- QoS (802.1p/DSCP/Port-Based)
- Port Mirror, Static Aggregation, etc
- STP/RSTP and Loop Prevention
- DHCP Snooping, IGMP Snooping
- EEE (802.3az Power Saving)
- Managed/VLAN/Extend Preset Modes
- Desktop, Rack-Mount
- 440×180×44 mm (17.32×7.09×1.73")

Package Content

- GS1024E
- Power Cord
- Installation Guide
- Mounting Kit

Hardware Specs

Memory/Storage	Flash/ROM	8 MB (64 Mbit) NOR
Interfaces	Physical Buttons	Managed/VLAN/Extend DIP Switch
	Gigabit RJ45 Ports	24
	Extend Mode Ports	#1~#22
	VLAN Mode Ports	#1~#22
	LED	Power
		Speed/Link/ACT of Each Ethernet Port
Performance	Power Input	AC Inlet
	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
		Cat. 6 or higher cable: 150 meters at Gigabit
	Copper Speed and Distance Note	250-meter transmission is only available on the Extend Mode ports.
	MAC Address Table	8192
	Max Switching Capacity	48 Gbps
	Max Forwarding Rate	35.712 Mpps
	Jumbo Frame	15 KB
	Packet Buffer	4 Mbit
Power	Power Saving	Support
	Power Methods	AC
	AC	90~260V 50/60Hz
	Max Power Consumption	11W
	Idle Power Consumption	6.8W



Hardware Specs

Reliability	Grounding Methods	Three-Prong Plug
		Grounding Point
	Lightning/Surge Protection	RJ45: 4KV
		AC: CM 4KV/DM 2KV
	ESD Contact Protection	6KV
	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:
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
	Carton Dimension	50×44×28.5 cm
		19.69×17.32×11.22 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	802.1d: STP
		802.1w: RSTP
		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



Software Specs

Switching	L2 Features	IGMP Snooping
		Loop Prevention
		DHCP Snooping
		STP/RSTP
		LLDP Config and Neighbors
		MTU VLAN
		Port-Based VLAN
		802.1Q VLAN
		Voice VLAN
		DSCP QoS
		802.1p QoS
		Port-Based QoS

System	Control Methods	Config Web Page
		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