cudy

Model: GS1016E

16-Port Gigabit
Light Managed Switch

Metal Casing

Web Management
VLAN | QoS | Port Trunk

16-Port Gigabit Light Managed Switch
GS1016E

Managed
VLAN (1-14)
Extend (1-14)
RESET: Toggle the switch
left to right and back in 2s

PWR

▲ 1 ▼ 2 ▲ 3 ▼ 4 ▲ 5 ▼ 6 ▲ 7 ▼ 8 ▲ 9 ▼ 10 ▲ 11 ▼ 12 ▲ 13 ▼ 14 ▲ 15 ▼ 16

Uplink
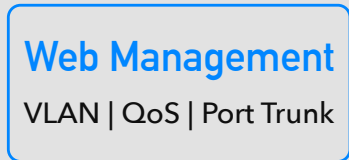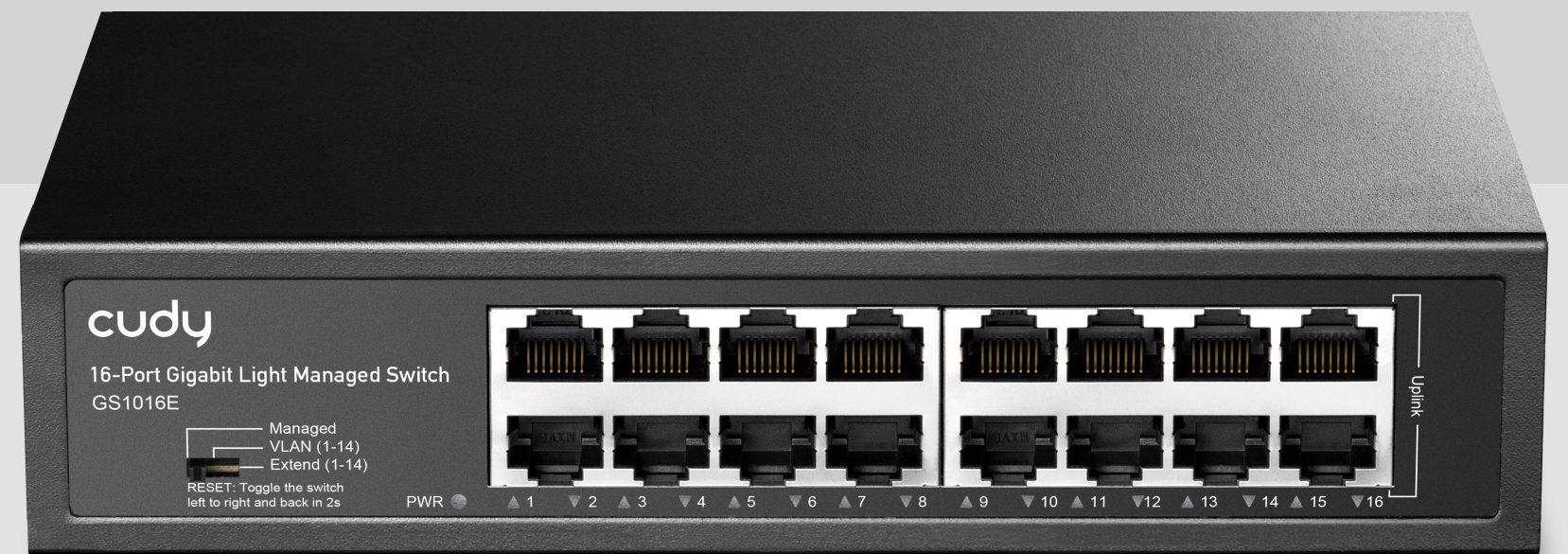
Highlights

A 16-GbE switch with management features.

- 16× 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
- 200×118×44 mm (7.87×4.65×1.73'')

Package Content

- GS1016E
- 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	16
	Extend Mode Ports	#1~#14
	VLAN Mode Ports	#1~#14
	LED	Power
		Speed/Link/ACT of Each Ethernet Port
	Power Input	AC Inlet
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
		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	32 Gbps
	Max Forwarding Rate	23.808 Mpps
	Jumbo Frame	15 KB
	Packet Buffer	4 Mbit
Power	Power Saving	Support
	Power Methods	AC
	AC	90~260V 50/60Hz
	Max Power Consumption	7.8W
	Idle Power Consumption	4.5W

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:
		10% ~ 90% non-condensing
		Storage Humidity:
		5% ~ 90% non-condensing
Mechanical	Dimension	200×118×44 mm
		7.87×4.65×1.73 inches
	Casing Material	Metal
	Installation	Desktop
		Rackmount via Brackets

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