



Model: GS108E

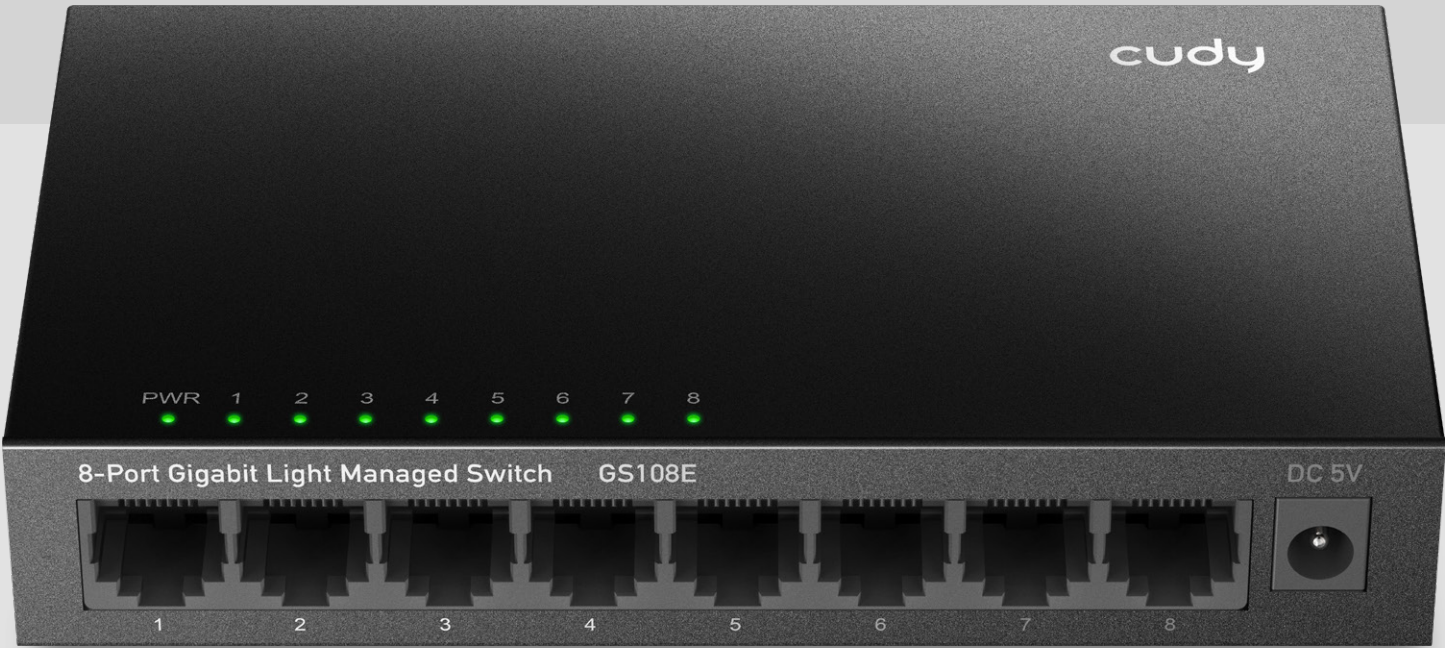
# 8-Port Gigabit Light Managed Switch



**Metal  
Casing**

**Web Management**

VLAN | QoS | Port Trunk





## Highlights

A 8-GbE switch with management features.

- 8× Gigabit Ethernet Ports
- 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)
- 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                                              |
|                | LED                       | Power                                          |
|                |                           | Speed/Link/ACT of Each Ethernet Port           |
|                | Power Input               | DC Jack                                        |
| 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. 6 or higher cable: 170 meters at Gigabit  |
|                | MAC Address Table         | 8192                                           |
|                | Max Switching Capacity    | 16 Gbps                                        |
|                | Max Forwarding Rate       | 11.904 Mpps                                    |
|                | Jumbo Frame               | 15 KB                                          |
|                | Packet Buffer             | 4 Mbit                                         |
| Power          | Power Saving              | Support                                        |
|                | Power Methods             | DC                                             |
|                | DC                        | 5V 0.55A                                       |
|                | Max Power Consumption     | 2.75W                                          |
|                | Idle Power Consumption    | 2.2W                                           |



## 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                 |
|           | 802.1 Protocols                | 802.3u 100BASE-T                |
|           |                                | 802.3ab 1000BASE-T              |
|           |                                | 802.3az Power Saving            |
|           |                                | 802.1d: STP                     |
|           |                                | 802.1w: RSTP                    |
|           | Port Management                | 802.1p: LAN Layer 2 QoS/CoS     |
|           |                                | 802.1q: VLAN Bridge Operation   |
|           |                                | 802.1ab: LLDP/LLDP-MED          |
|           |                                | Port On/Off                     |
|           |                                | Port Negotiation Speed          |
|           | 802.3 Protocols                | Port Trunk (Static Aggregation) |
|           |                                | Port Mirror                     |
|           |                                | Data Rate Limit                 |
|           |                                | Jumbo Frame Settings            |
|           |                                | Storm Control                   |
|           | Port Management                | 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 | WEB Management                |
|        |                 | SNMP V1/V2                    |
|        |                 | Firmware Upgrade              |
|        |                 | Reliability                   |
|        |                 | Diagnostic Tools              |
|        | Languages       | Local Upgrade                 |
|        |                 | Backup and Restore            |
|        |                 | Cable Status/Length Diagnosis |
|        |                 | Ping                          |
|        |                 | English                       |
|        |                 | Bengali                       |
|        |                 | German                        |
|        |                 | Spanish                       |
|        |                 | French                        |
|        |                 | Portuguese                    |
|        |                 | Russian                       |
|        |                 | Arabic                        |
|        |                 | Indonesian                    |
|        |                 | Hindi                         |
|        |                 | Urdu                          |
|        |                 | Traditional Chinese           |
|        |                 | Simplified Chinese            |