



8-Port Gigabit Web Smart Switch

GS-5008E

FEATURES

- 8 Gigabit Ethernet ports
- Web-based setup interface enables easy configuration and management
- Supports 802.1Q VLAN network segmentation for improved performance and security
- Supports IGMP Snooping v1/v2/v3, effectively reduced Multicast traffic for streaming applications
- Supports 802.1p QoS, Link Aggregation, Broadcast Storm Control, Loop Detection/Prevention, Port Mirroring, Port Trunking and more
- Featuring 16Gbps switching capacity, 11.9Mpps forwarding rate, and 9KB jumbo frame
- Fanless, quiet and durable wall-mountable metal chassis design

OVERVIEW

The EDIMAX Pro GS-5008E is a web-smart switch with 8 Gigabit ports. The cost-effective switch is designed for small to medium sized network environments that need to upgrade or expand its network with high-speed and enhanced performance, while maintaining a compact form factor.

Unlike other advanced, complex managed switches, GS-5008E with user-friendly smart web-based management utility features outstanding performance and high efficiency and offers essential features including VLAN, Link Aggregation, Broadcast Storm Control, Loop Detection/Prevention, IGMP Snooping v1/v2/v3, QoS, Port Mirroring, Port Trunking and more. It is a compact yet useful switch, offering reliable high-speed data transfer, ideal for network connectivity in the home, small office, small-and-medium business and enterprise environments.

Gigabit High-Speed Network

With bandwidth-hungry PCs and large file transferring devices, using wired Gigabit network connections offers more stability and reliability over Wi-Fi. With Gigabit super-fast speed, the GS-5008E is extremely flexible in expending wired connectivity with large files transfer over wide bandwidth, delivering up to 2000Mbps of throughput per port at full-duplex mode to servers, workstations and other attached devices.

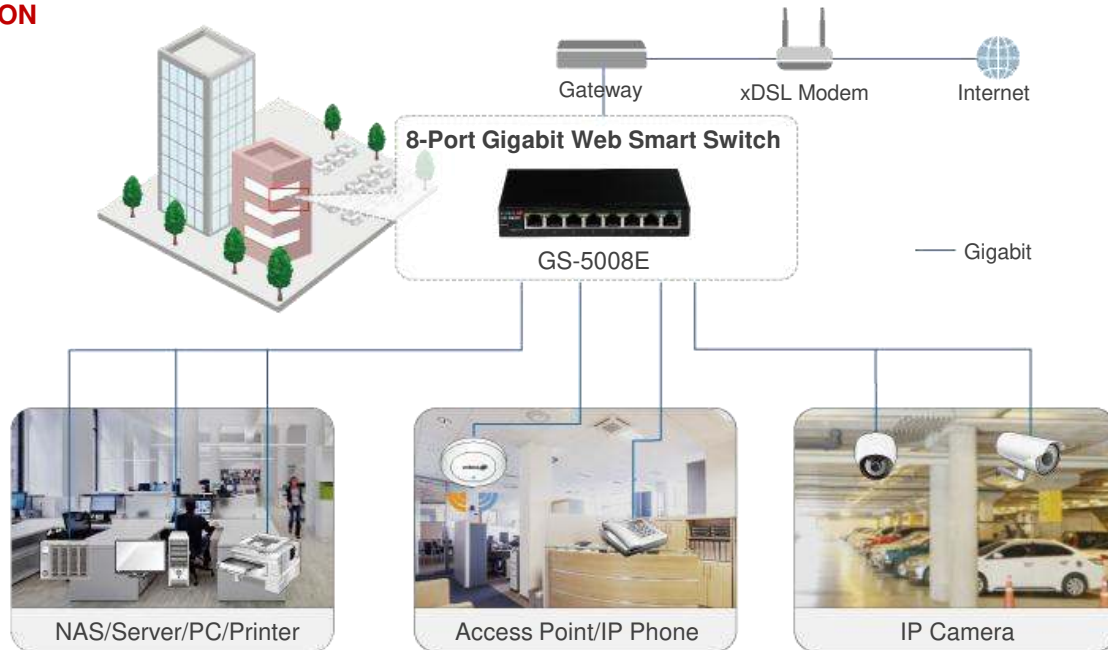
Simplified Smart Web Management

The GS-5008E is designed for small and medium business networks that require simple network management. This web smart switch meets the network growing need by providing advanced essential features such as VLAN, Link Aggregation, Broadcast Storm Control, Loop Detection/Prevention, IGMP Snooping v1/v2/v3, QoS, Port Mirroring and more. Further helping to optimize the performance of business networks. Experience fast and easy operations with just a few simple clicks through the user-friendly web-based management utility, your network is ready to use.

Energy Efficient and Power Saving

To comply with the IEEE802.3az Energy Efficient Ethernet standard, the GS-5008E offers environmental efficiency and provides power-saving functionality to reduce energy consumption and save costs. It automatically adjusts power consumption according to the link status to reduce power consumptions while the ports are idle. To detect the cable length of connected Ethernet cables, the switch can adjust power usage; the shorter the cable length, the less power it consumes.

APPLICATION



SPECIFICATIONS

HARDWARE

Ports	8 x RJ45 10/100/1000Base-T Gigabit Ports
Buttons	Reset Button
LED Indicators	Per Port: Link/Act, Per Unit: Power
Power Input	External Power Supply (DC 5V/1A)
Fan	Fanless Design
Dimensions (L x W x H)	155x 85x 26 mm
Weight	325g

PERFORMANCE

Switching Capacity	16Gbps
MAC Address	4K
Jumbo Frame	9K Bytes
Buffer Memory	1.53Mb
Transmission Method	Store and Forward
Filtering/Forwarding Rates	Max. 11.9Mpps 100Mbps port - 1,488,000pps 100Mbps port - 148,800pps 10Mbps port - 14,880pps

OTHERS

Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT Gigabit Ethernet IEEE 802.3x Full-duplex and Flow Control IEEE 802.3ad Link Aggregation Control Protocol (LACP) IEEE 802.3az Energy Efficient Ethernet IEEE 802.1Q VLAN IEEE 802.1p Quality of Service (QoS)
Environmental Condition	Temperature: • Operating: 0~40°C (32~104°F) • Storage: -40~70°C (-40~158°F) Humidity: • Operating : 10~90% (Non-condensing) • Storage: 5~90% (Non-condensing)
Certifications	CE, FCC, BSMI

SMART FEATURES

Port-based QoS	Port-based QoS
IEEE802.1p QoS	IEEE802.1p QoS
Quality of Service (QoS)	4 Priority Queues, Scheduling Algorithm • WFQ (Weighted Fair Queue) • Strict Priority
VLAN	Up to 8 VLANs and 4096 VLAN IDs 802.1Q Tag-based VLAN
Port Trunking	IEEE 802.3ad LACP Trunk-Static Trunk up to 8 Trunk Groups
Port Mirroring	Port Mirroring both on Ingress and Egress Traffic
IGMP Snooping	IGMP v1/v2/v3 snooping Block Unknown Multicast Traffic Multicast Groups: 128
Loop Detection	Loop Detection Loop Prevention
Security	Broadcast Storm Control User Interface: Web-based Management User Account: Login Account Configuration Firmware Upgrade: Firmware Upgrade by WEB
Management	

Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.
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