



# KGS-SOHO-8



**Preliminary**



## 8-Port 10/100/1000Base-T Gigabit Ethernet Switch

### Key Features:

- Provides 8 10/100/1000Mbps Gigabit Ethernet ports
- All 10/100/1000M ports support auto-negotiation and auto-MDI/MDI-X detection
- Supports full/half-duplex transfer mode for 10/100Mbps
- Supports full-duplex transfer mode for 1000Mbps
- Store-and-Forward switching method
- Wire-speed packet filtering and forwarding rate
- Supports Jumbo Frame up to 9K bytes
- Supports IEEE802.3az Energy Efficient Ethernet (EEE)

### Specifications:

Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T
Network Ports	8 10/100/1000Mbps Gigabit copper ports Shielded RJ-45, auto-negotiation, auto-MDI/MDI-X support
Network Cables	10Base-T: Cat.3, 4, 5 or higher ( 100 meters max. ) 100Base-TX: Cat.5, 5e or higher ( 100 meters max. ) 1000Base-T: Cat.5e or higher ( 100 meters max. )
Network Data Rate	Ethernet: 10Mbps (Half-duplex) 20Mbps (Full-duplex) Fast Ethernet: 100Mbps (Half-duplex) 200Mbps (Full-duplex) Gigabit Ethernet: 2000Mbps (Full-duplex)
MAC Address Table	8K entries
Buffer Memory	256K bytes
LED Indication	Per unit: Power Per port: link/activity status
Environment	Operating Temperature: 0°C ~ 40°C Storage Temperature: -20°C ~ 70°C Relative Humidity: 10% ~ 90% non-condensing
Dimension	137 x 85 x 24 mm (WxDxH)
Power Input	+5V via external power adapter
Power Consumption	3.5W max. @+5V (DC IN)
Approval	FCC, CE mark



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