



KGS-0800-4HP Ver.B



Preliminary



8-Port Gigabit Ethernet Switch with 4 PoE+ PSE Ports

Product Highlights:

- Full wire speed performance
- Plug and play
- Four 802.3at PoE Ports
- Jumbo frame support
- Power saving support

Key Features:

- Provides 8 10/100/1000Mbps copper ports
- Provides 4 802.3at-compliant PoE PSE ports
- All copper ports support auto-negotiation and auto-MDI/MDI-X detection
- Supports IEEE 802.3x flow control
- Supports jumbo frame length of 9K bytes at full wire speed forwarding
- Supports IEEE 802.3az Energy Efficient Ethernet
- Supports IEEE 802.1p QoS classification
- Supports Loop Detection
- Provides hidden LED display function

Specifications:

Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az
Network Ports	8 10/100/1000Mbps copper ports
Copper Ports	Shielded RJ-45, 10BASE-T, 100BASE-TX, 1000BASE-T compliant Auto-negotiation, auto-MDI/MDI-X support
Network Cables	Cat.5, 5e UTP or higher up to 100 meters
Power over Ethernet	IEEE 802.3at compliant (High power PoE) PSE PSE on Port 1 ~ Port 4 PSE pin 1/2 - Positive DC, Pin 3/6 - Negative DC 30W max. at port output for a Cat.5 distance of 100 meters 75W max. shared by all ports
MAC Addresses	4K entries
Buffer Memory	192K Bytes
LED Indication	Per unit: Power, Loop Per port: Speed/link/activity, PoE status
Power Input	+54V via external power adapter
Power Consumption	15W max. (without PoE), 90W max. (with PoE full output)
Environment	Operating Temperature: 0°C ~ 40°C Storage Temperature: -40°C ~ 70°C Relative Humidity: 10% ~ 90% non-condensing
Housing	Enclosed metal
Dimension	167 x 96 x 28.6 mm (WxDxH)
Mounting Support	Wall, Magnetic
Approval	FCC Class A, CE mark Class A, LVD



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