



KGS-800



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

Benefits:

- Ideal Gigabit Ethernet switch for small workgroup
- Plug and play installation with no required configuration
- 19" rack mountable

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
- Wire speed reception and transmission
- Store-and-Forward switching method
- Self learning for active MAC addresses up to 8K entries
- Supports 256K Bytes RAM for data buffering
- Extensive front-panel diagnostic LEDs
- Supports IEEE 802.3x flow control for full-duplex mode and backpressure flow control for half-duplex mode

Specifications:

Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T		
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.)	
Number of Ports	8 x 10/100/1000Mbps auto-MDI/MDI-X ports with RJ-45 connectors		
Network Data Transfer Rate	Ethernet:	10Mbps (Half-duplex)	20Mbps (Full-duplex)
	Fast Ethernet:	100Mbps (Half-duplex)	200Mbps (Full-duplex)
	Gigabit Ethernet:		2000Mbps (Full-duplex)
Data RAM Buffers	256K Bytes		
MAC Address Table	8K entries		
LEDs	Per Unit: Power Per Port: 100M Link/ACT, 1000M Link/ACT		
Environment	Operating temperature:	0°C ~ 40°C	
	Storage temperature:	-10°C ~ 70°C	
	Relative Humidity:	10% ~ 90% non-condensing	
Dimension	280 x 180 x 44 mm (WxDxH)		
Power	100-240VAC, 50-60Hz		
Power Consumption	13 watts. (max.)		
Approval	FCC Class A, CE mark Class A		



FCC Part 15, Class A
CISPR 22 Class A

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