



# KGS-116



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

### Key Features:

- Provide 16 10/100/1000Mbps Gigabit Fast Ethernet ports
- All ports support auto-negotiation and auto-MDI/MDI-X detection
- Support full/half-duplex transfer mode for 10/100Mbps
- Support 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 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		
Number of Ports	16 x 10/100/1000Mbps auto-negotiation & auto-MDI/MDI-X ports		
Network Ports	10Base-T:	Cat.3, 4, 5 or higher ( 100 meters max. )	
	100Base-TX:	Cat.5, 5e or higher ( 100 meters max. )	
	1000Base-T:	Cat.5, 5e or higher ( 100 meters max. )	
Network Data Transfer 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		
LEDs	Per Unit: Power Per Port: Link/ACT, and speed		
Environment	Operating Temperature: 0°C ~ 40°C Storage Temperature: -20°C ~ 70°C Relative Humidity: 10% ~ 90% non-condensing		
Dimension	280 x 180 x 44 mm (19" rack mountable)		
Power	100-240VAC, 50-60Hz		
Power Consumption	KGS-116: 14W max.		
Approval	FCC Class A, CE mark Class A		



FCC Part 15, Class A  
CISPR 22 Class A

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