



KGS-116, KGS-124



16/24-Port 10/100/1000Base-T Gigabit Ethernet Switches

Key Features:

- Provide 16/24 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	16/24 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. KGS-124: 20W max.	
Approval	FCC Class A, CE mark Class A	



FCC Part 15, Class A
CISPR 22 Class A

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Ordering Informatons:

KGS-116	16-Port 10/100/1000 Gigabit Ethernet Switches
KGS-124	24-Port 10/100/1000 Gigabit Ethernet Switches