



# KGS-116, KGS-124



## 16/24-Port 10/100/1000Base-T L2 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: 20W max. KGS-124: 26W max.
Approval	FCC Class A, CE mark Class A

### Ordering Informatons:

KGS-116	16-Port 10/100/1000 L2 Gigabit Ethernet Switches
KGS-124	24-Port 10/100/1000 L2 Gigabit Ethernet Switches



FCC Part 15, Class A  
CISPR 22 Class A

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