



# KGS-124 Ver.C



## 24-Port 10/100/1000Base-T L2 Gigabit Ethernet Switch

### Key Features:

- Provides 24 10/100/1000Mbps Gigabit Ethernet ports
- All 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
- Supports IEEE 802.3x flow control
- Provides full wire speed forwarding
- Store-and-Forward switching method
- MAC addresses table up to 8K entries
- Support Jumbo frame up to 9K bytes
- Support IEEE802.3az energy efficient ethernet function

### Specifications:

|                            |   |   |
|----------------------------|---|---|
| Standards                  | IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3x flow control, IEEE 802.3az EEE      |   |
| Number of Ports            | 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  |   |
| Jumbo Frame                | 9K bytes  |   |
| LEDs                       | Per Unit: Power<br>Per Port: Speed/Link/ACT   |   |
| Environment                | Operating Temperature: 0°C ~ 40°C<br>Storage Temperature: -40°C ~ 70°C<br>Relative Humidity: 10% ~ 90% non-condensing |   |
| Dimension                  | 280 x 180 x 43.5 mm (WxDxH)   |   |
| Mounting Support           | 19" rack and wall mountable   |   |
| Power                      | 100-240VAC, 50-60Hz   |   |
| Power Consumption          | 17.2W max.  |   |
| Approval                   | FCC Class A, CE mark Class A, LVD   |   |



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