



KGS-1602, KGS-2402



16/24-Port 10/100/1000Mbps Web Smart Gigabit Ethernet Switches

802.1Q VLAN :

Groups	24(KGS-2402),16(KGS-1602)
Group VID	Value:1~4094
Port PVID	Value:1~4094
Ingress Rules	- Forward packets with VID equal to PVID
Egress Rules	- Port tagging - Untag the packets with specific VID

Quality of Service(QoS) :

- 802.1p-based tag priority
 - IP TOS classification
 - IP DiffServ classification
 - TCP/UDP Port L4 classification
- All are per port classification.

Key Features:

- Provide 16/24 10/100/1000Mbps Gigabit Ethernet ports and 2 SFP ports
- Provide in-band web-based management interface
- Provide full wire speed forwarding
- Support 802.3x flow control for full-duplex and backpressure for half-duplex
- Provide port status, statistic monitoring and control function
- Support port-based and 802.1Q Tag-based VLAN
- Provide QoS function
- Provide port link aggregation (trunking) function
- Provide port mirroring function
- Provide port bandwidth control function
- Support jumbo frames

Specifications:

Standard	IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1Q
Network Ports	KGS-1602 - 16 10/100/1000Mbps Gigabit copper ports KGS-2402 - 24 10/100/1000Mbps Gigabit copper ports Shielded RJ-45, auto-negotiation, auto-MDI/MDI-X support KGS-1602/2402 - 2 1000Mbps Gigabit fiber SFP ports SFP supports standard SFP fiber transceiver installation
Network Cables	10/100Mbps: Cat.5 up to 100m, 1000Mbps: Cat.5e or higher up to 100m
MAC Address Table	8K entries
Buffer Memory	400KB
Port Control	Speed, duplex mode, flow control
VLAN	Port based VLAN, 8021Q Tag-based VLAN
Port Link Aggregation	Trunking groups : 8 max. Ports / group : 12(KGS-2402), 8(KGS-1602)
QoS	2 priority queues per port - high priority, normal priority
Port Mirroring	Mode : Rx data, Multiple source ports, One sniffer port
LED Indication	Per unit : power, CPU status, Per port : link/activity, 1000M, 100M status
Management Support	Web browser software
Management Objects	System settings, port status/statistics, port control, VLAN, QoS, Port trunking, port mirroring, trap setting, port bandwidth control Firmware upgrade
Environment	Operating temperature: 0°C ~ 50°C Storage temperature: -20°C ~ 70°C Humidity : 5% ~ 90% non-condensing
Dimension	442 x 209 x 44 mm (1U, 19" rack mountable)
Power	100-240VAC, 50-60Hz, Consumption 30W max.
Approval	FCC Class A, CE mark Class A