



# KGS-1604, KGS-2404



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

### Product Highlights :

- 4 SFP support
- 802.1Q VLAN
- QoS
- 802.1x authentication
- RSTP, STP support
- LACP link aggregation
- IGMP snooping
- Port rate control

### Key Features :

- Provide 16/24 10/100/1000Mbps Gigabit Ethernet ports and 4 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, 802.1Q Tag-based VLAN
- Provide QoS function
- Provide LACP link aggregation (trunking) function
- Provide 802.1x port access authentication function
- Support RSTP, STP function
- Provide port bandwidth control function
- Support jumbo frames
- Support SFP Modules hot-plugging

### Specifications :

|                       |  |
|-----------------------|--|
| Standard              | IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1Q  |
| Network Ports         | KGS-1604 - 16 10/100/1000Mbps Gigabit copper ports<br>KGS-2404 - 24 10/100/1000Mbps Gigabit copper ports<br>Shielded RJ-45, auto-negotiation, auto-MDI/MDI-X support<br>KGS-1604/2404 - 4 1000Mbps Gigabit fiber SFP ports<br>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-1604/2404)   |
| QoS                   | 4 priority queues per port - low priority, normal priority, medium priority, high 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 Information, ports , VLANs, Aggregation, LACP, RSTP, 802.1x, IGMP Snooping, Mirror, QoS, Filter, Rate control, Storm control, SNMP  |
| Environment           | Operating temperature : 0°C ~ 50°C<br>Storage temperature : -20°C ~ 70°C<br>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   |



FCC Part 15, Class A  
CISPR 22 Class A

### Katron Technologies Inc.

15F-7, No. 79, Sec. 1, Hsin Tai Wu Rd.,  
Hsi-chih, Taipei Hsien, Taiwan.  
Tel : 886-2-2698-3878  
Fax : 886-2-2698-3873  
E-mail : kti@ktinet.com.tw  
URL : http://www.ktinet.com.tw

### KTI Networks Inc.

7400 Harwin Dr., Suite 120 Houston,  
Texas 77036 U.S.A.  
Tel : 713-266-3891  
Fax : 713-914-0555  
E-mail : kti@ktinet.com  
URL : http://www.ktinet.com

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