

KGS-1060, KGS-1060-HP



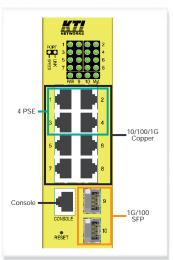


Industrial Managed 10-Port L2 Gigabit Ethernet Switches with 2 dual-speed SFP Slots and 4 PoE+ PSE Ports

Product Highlights:

- Web, telnet, SNMP managed
- IPv6 support
- SFP dual speed support
- SFP DDM support
- Four 802.3at PoE PSE ports
- RSTP, STP, MSTP support
- Multi redundant ring support
- IGMP & MLD snooping
- High power saving

KGS-1060-HP Ports



Key Features:

- Eight 10/100/1000Mbps RJ-45 and two dual-speed SFP slots
- All copper ports support auto-negotiation and auto-MDI/MDI-X detection.
- Two SFP slots support dual speed for 100BASE-FX and 1000BASE-X SFP transceivers.
- Full wire speed forwarding
- Supports 802.3x flow control for full-duplex and backpressure for half-duplex
- Port link aggregation function with LACP support
- Supports SFP with Digital Diagnostic Monitoring (DDM)
- Alternatively powered via PoE if direct DC power not available
- Optional four 802.3at-compliant PoE PSE ports
- Supports PoE PSE Redundancy

Management Features:

• Management:

HTTP/HTTPS/SSHv2/CLI telnet/CLI console/SNMP v1/v2c/v3/RMON DHCP/DHCPv6 client, DHCP relay, DNS client. NTPv4 IPv6 support, System Syslog, Configuration down/upload, Software upload

NAS, 802.1X, MAC-based/Web/CLI authentication IP MAC binding, TACACS+, IP source guard

QoS, 802.1Q/MAC-based/Protocol-based/Private/IP subnet VLAN, Port Isolation Storm control for UC/MC/BC packets, Static MAC configuration IGMP v2/v3 snooping, MLD v1/v2 snooping, DHCP snooping Multiple Spanning Tree - MSTP. RSTP, STP

• KTI's Auto Multi-Ring (KAMR) Technology: Fast failover response time, Auto recovery when failure is repaired Supports up to five redundant rings, Works with RSTP network

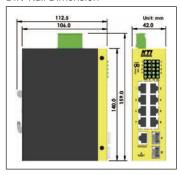
Specifications:

•		
Standard	IEEE 802.3, 802.3ab, 802.3z, 802.3x, 802.3at, 802.1x, 802.1w, 802.1D, 802.1Q	
Network Ports	8 10/100/1000Mbps Gigabit copper ports 2 1G/100Mbps SFP slots	
Copper Port	Shielded RJ-45, 10/100/1000Mbps, auto-negotiation, auto-MDI/MDI-X	
Mini-GBIC SFP	SFP connector, Interface: 1000BASE-X and 100BASE-FX support	
Console	Connector: Shielded RJ-45, Interface: RS-232	
Network Cables	10/100/1000Mbps copper: Cat.5 up to 100m 1000Base-X: 62.5/125µm, 50/125µm MM fiber, 9/125µm SM fiber	

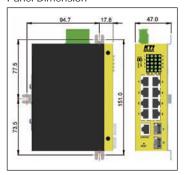


R

DIN-Rail Dimension



Panel Dimension



Ordering Informations:

Part#	Description		
KGS-1060	Standard model with no PSE function		
KGS-1060-HP	Model with four PSE ports		
KSD-8PB	Panel mounting kit		
KPW-300T	300W Power supply for PoF & PoF+ applications		

CE F©

FCC Part 15, Class A CISPR 11 Class A

Katron Technologies Inc.

15F-7, No. 79, Sec. 1, Hsin Tai Wu Rd., Hsi-chih District, New Taipei City, Taiwan Te1: 886-2-2698-3878 Fax: 886-2-2698-3873 E-mail: ktiektinet.com.tw URL: http://www.ktinet.com.tw

KTI Networks Inc.

10415-A Westpark Drive, Houston, TX 77042. U.S.A. Tel: 1-713-266-3891 Fax: 1-713-914-0555

E-mail: contact@ktinet.com URL: http://www.ktinet.com

Trademarks: All brand names are trademarks or registered trademarks of their respective holders. This information is subject to change without prior notice.

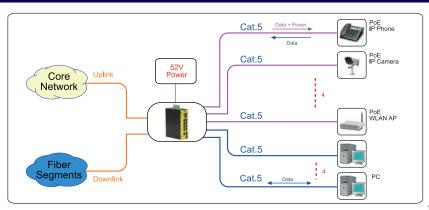
Power over Ethernet	IEEE 802.3at compliant (High power PoE) PSE on Port 1 ~ Port 4 35W max. at port output for Cat.5 distance of 100 meters	
MAC Addresses	8K	
LED Indication	Per unit: Power, Management status Per port: Speed, link/activity status Per SFP: Speed/link/activity status Per PoE port: PoE status	
Relay Output	Alarm: power failure, specific port link fault Interface: 2 terminal contacts (30VDC/1A max. or 120VAC/0.5A max.)	
DC Power Input	Screwed terminal block: 2 pairs of +/- contacts Operating voltage range: +7 ~ +60VDC Voltage for PoE support: +45 ~ +57VDC	
Powered via PoE	IEEE 802.3af & 802.3at compliant Class 3 (for model with no PSE function)	
Power Consumption	9W max. (Full load with no PoE support) 150W max. (Full load with 4 PoE+ max. output)	
Housing	Enclosed metal with no fan	
Dimension	42 x 106 x 140 mm (WxDxH)	
Mounting Support	DIN-Rail, Panel Mounting (Optional)	
Environment	Operating Temperature: -30°C ~ 70°C* Storage Temperature: -40°C ~ 85°C Relative Humidity: 5% ~ 95% non-condensing	
Approval	FCC Class A, VCCI Class A, CE mark Class A, IEC 60950-1 safety EN 61000-6-4 emission, EN 61000-3-2, EN 61000-3-3, EN 61000-6-2 Immunity for industrial environment, IEC 60068-2-64 Vibration, IEC 60068-2-27 shock test, NEMA TS2 environment	

 $*60^{\circ}$ C ~ 70° C with 1m/s air flow

Multiple Redundant Rings:



Application:



140304