



KGS-0600



6-Port L2 Gigabit Ethernet Switch with 1 GbE SFP Port & IGMP Snooping

Product Highlights:

- Full wire speed performance
- Plug and play
- Fiber connectivity
- Jumbo frame support
- IGMP snooping
- High power saving

Key Features:

- Provides 5 tri-speed copper ports and one 1000M SFP
- All copper ports support auto-negotiation and auto-MDI/MDI-X detection
- Nonblocking wire speed performance
- Supports 802.3x flow control for full-duplex and backpressure for half-duplex
- Jumbo frame support at all speeds
- IGMP v1/v2 snooping
- Flooding undesired packet storm caused by loops in the network or DOS attacks

Specifications:

Standard	IEEE 802.3, 802.3u, 802.3ab, 802.3x
Network Ports	5 10/100/1000Mbps Gigabit copper ports Shielded RJ-45, auto-negotiation, auto-MDI/MDI-X support 1 1000Mbps Gigabit fiber SFP port SFP supports standard SFP fiber transceiver installation
Network Cables	10/100Mbps: Cat.5 up to 100m, 1000Mbps: Cat.5e or higher up to 100m MMF 50/125 60/125, SMF 9/125
MAC Address Table	8K entries
Buffer Memory	136K bytes
LED Indication	Per unit: Power Per copper port: 1000M, 100M, 10M speed/link/activity status SFP port: 1000M speed/link/activity status, Optical link status
Environment	Operating Temperature: 0°C ~ 40°C (Main device) Storage Temperature: -20°C ~ 70°C Relative Humidity: 10% ~ 90% non-condensing
Dimension	144 x 104.5 x 26 mm (WxDxH)
Power Input	+5V ~ +12VDC (+/-5%) via external power adapter
Power Consumption	5W max. @+5V (DC IN)
Approval	FCC Class A, CE mark Class A



Optional Accessories:

WMK5	Wall mounting kit
KTI quality SFP transceivers	

Fiber Optical Specifications:

Model	Connector	Fiber	Wavelength	Tx Power*	Rx Sens.	Rx Max.	Distance
-SX	LC	62.5/125 MMF 50/125 MMF	850nm	-9.5 ~ -4dBm	-18dBm	0dBm	200m 500m
-LX	LC	MMF SMF	1310nm	-9.5 ~ -3dBm	-20dBm	-3dBm	550m 10km
-LX20	LC	SMF	1310nm	-8 ~ -2dBm	-23dBm	-1dBm	20km
-W3510	Bi-Di LC	SMF	Tx 1310nm Rx 1550nm	-9 ~ -3dBm	-21dBm	-1dBm	10km
-W5310	Bi-Di LC	SMF	Tx 1550nm Rx 1310nm	-9 ~ -3dBm	-21dBm	-1dBm	10km

* Data for 62.5/125μm MMF, 9 /125μm SMF



FCC Part 15, Class A
CISPR 22 Class A

Katron Technologies Inc.

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

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Dimension