



KGS-500F



4-Port 10/100/1000Base-T Gigabit Ethernet Switch with 1 mini-GBIC Port

Key Features:

- Provides 4 10/100/1000Mbps Gigabit Ethernet ports and 1 mini-GBIC port
- All 10/100/1000M 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
- Wire speed reception and transmission
- Self learning for active MAC addresses up to 4K entries
- Supports 256K bytes RAM for data buffering
- Comprehensive front-panel diagnostic LEDs
- Supports IEEE 802.3x flow control for full-duplex mode and backpressure flow control for half-duplex mode

Specifications:

Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T IEEE 802.3z 1000Base-SX/LX(mini-GBIC)		
Cables	10Base-T:	Cat.3, 4, 5 or higher(100 meters max.)	
	100Base-TX:	Cat.5, 5e or higher(100 meters max.)	
	1000Base-T:	Cat.5e or higher(100 meters max.)	
	1000Base-SX/LX:	multimode or single mode fiber cable	
Number of Ports	4 x 10/100/1000Mbps Auto-negotiation Gigabit Ethernet Ports 1 x mini-GBIC Port		
Network Data Transfer Rate	Ethernet:	10Mbps (Half-duplex)	20Mbps (Full-duplex)
	Fast Ethernet:	100Mbps (Half-duplex)	200Mbps (Full-duplex)
	Gigabit Ethernet:		2000Mbps (Full-duplex)
Data RAM Buffers	256K Bytes		
MAC Address Table	4K entries		
LEDs	Per Unit: Power 1000Base-T Port: 100M Link/ACT, 1000M Link/ACT mini-GBIC Port: Link/ACT, 1000M		
Environment	Operating temperature:	0°C ~ 40°C	
	Storage temperature:	-10°C to 70°C	
	Relative Humidity:	10% ~ 90% non-condensing	
Dimension	171 x 98 x 29 mm (WxDxH)		
Power	+7.5VDC, 1.5A		
Power Consumption	8 watts. (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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