



KS-1080



Managed 8-Port 10/100 L2 Fast Ethernet Switch with PoE Function and Fiber Connectivity

Product Highlights:

- 4 PoE PSE 10/100M ports
- 2 typical 10/100M ports
- 2 100FX port slots
- SNMP/Web/Telnet management
- Port-based, 802.1Q VLAN
- Port, 802.1p, DSCP, IP network based QoS

Ordering Informations:

Model KS-1080-xxx	Fiber Mode	Max. Distance
KS-1080-FMT	ST MMF	2km
KS-1080-FMC	SC MMF	2km
KS-1080-FJM	MT-RJ MMF	2km
KS-1080-FSA2	SC SMF	20km
KS-1080-FSL2	SC SMF	20km



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.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

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Key Features:

- 6 10/100M ports support auto-negotiation and auto-MDI/MDI-X configuration
- 4 10/100M ports provide PoE PSE functions
- 2 100FX fiber port slots support optional fiber modules
- Fiber modules support single mode fiber and multimode fiber connections
- Provides wire speed store-and-forward switching
- Supports IEEE 802.3x flow control for full-duplex operation and back-pressure for half-duplex
- Provides port-based, 802.1Q tag-based VLAN function
- Provides port-based, 802.1p, DSCP-based, and IP address QoS function
- Provides port configuration and PoE control
- SNMP, telnet, Web management support

Specifications:

Standard	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, 100Base-FX, IEEE 802.3af
Network Ports	6 10/100Mbps auto-negotiation, auto-MDI/MDI-X ports 2 100Mbps 100Base-FX port slots
Network Cables	10Base-T: Cat. 3, 4, 5 or higher up to 100m 100Base-TX: Cat. 5 or higher up to 100m 100Base-FX: MMF 50/125µm 60/125µm, SMF 9/125µm
PoE Function	IEEE 802.3af compliance PSE (power source) on Port 1 - Port 4 Power delivery 48V 15.4W max. at port output for a Cat.5 distance of 100 meters
VLAN function	Port-based, IEEE 802.1Q Tag-based
QoS function	Port-based, 802.1p-based, DSCP-based, network address-based
Management	SNMP MIB-II and private MIB, telnet, web, event traps
MAC Addresses	Table with 1K entries
LEDs	Per unit: Power Per 10/100M port: Link/Activity, 100M, Duplex/Collision status Per fiber port slot: Link/Activity status
Environment	Operating Temperature: -5°C ~ 40°C, Storage temperature: -20°C ~ 85°C Relative Humidity: 5% ~ 95% non-condensing
Dimension	295 x 160 x 43 mm (19" Rack mountable)
Power	100-240VAC, 50-60Hz, 87W max. (includes PoE full power supply)

Fiber Optical Specification of Fiber Modules:

Model	FX & Cable	Wavelength	Tx Power*	Rx Sens.	Rx Max.
KS-1080-FMT	ST MMF	1310nm	-20 ~ -14dBm	-32dBm	-8dBm
KS-1080-FMC	SC MMF	1310nm	-20 ~ -14dBm	-31dBm	0dBm
KS-1080-FJM	MT-RJ MMF	1310nm	-19 ~ -14dBm	-31dBm	-14dBm
KS-1080-FSA2	SC SMF	1310nm	-15 ~ -8dBm	-31dBm	-7dBm
KS-1080-FSL2	SC SMF	1310nm	-15 ~ -7dBm	-32dBm	-3dBm

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