



KS-116



16-Port 10/100 Workgroup Switch

The KTI KS-116 switch is a 16-Port 10/100Mbps switch designed for workgroup applications. Each port can provide full-duplex connection up to 20Mbps or 200Mbps by auto-negotiating the network speed and duplex type with the other end of the link. The KS-116 is designed to improve the network traffic congestion in traditional shared media network, and to offer a cost effective and flexible solution to most workgroups where 10M to 100M migration, 10M and 100M integration, and higher bandwidth are needed. The KS-116 is a plug-and play device which requires no setting during the installation.

Key Features:

- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
- Provides 16 10/100Mbps speed and full/half duplex auto-negotiation switched ports
- Provides one additional RJ-45 jack for easy TP uplink connection
- Store-and-forward architecture with non-blocking switching fabric
- Wire speed filtering and forwarding rate
- Supports full-duplex flow control (IEEE 802.3x)
- Back-pressure flow control in half-duplex mode
- Supports full diagnostic LED indicators to display each TP port and power status
- Plug-and-play installation, no setup is needed
- 19" rack mountable

Specifications:

Standard	IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX, IEEE 802.3x Flow Control	
Filtering address	Unicast/Multicast/Broadcast address: 8K MAC addresses per unit	
Filtering rate	14,880 pps for Ethernet, 148,800 pps for Fast Ethernet	
Forwarding rate	14,880 pps for Ethernet, 148,800 pps for Fast Ethernet	
RAM Buffer	512KB	
Connector	Shielded RJ-45	
Cable	10Base-T:	Cat. 3, 4, or 5 UTP cable (100m max.)
	100Base-TX:	Cat. 5 UTP cable (100m max.)
LEDs	- Power status for each unit - Link/Activity, Duplex/Collision (switched by push button)	
Environment	Temperature:	0° to 40° C
	Relative Humidity:	10% to 90% non-condensing
Dimension	430 x 105 x 44mm (16.93 x 4.13 x 1.73inch)	
Power	100-240 VAC, 50/60 Hz	



FCC Part 15, Class A
CISPR 22 Class A

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