KTI NETWORKS

KS-124

24-Port 10/100 Workgroup Switch

The KTI KS-124 switch is a 24-Port 10/100Mbps switches designed for workgroup applications. Each port can provides 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-124 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-124 is a plug-and play device which requires no setting during installation.

Key Features:

· Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
· Provides 24 10/100Mbps speed and full/half duplex auto-negotiation switched ports
· Supports auto-crossover RJ45 jack for easy TP uplink connection
· Store-and-forward architecture with non-blocking switching fabric
· Wire speed filtering and forwarding rate
· Support full-duplex flow control (IEEE 802.3x)
· Back-pressure flow control in half-duplex mode
· Support 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: 4K 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 Buffers	256KB
Connectors	Shielded RJ45
Cables	10Base-T: Cat. 3, 4, or 5 UTP cable (100m max.) 100Base-TX: Cat. 5 UTP cable (100m max.)
LED indicators	- Power status for each unit - Link/Activity, 10M (green), 100M (amber) - Full Duplex/Collision (green)
Environment	Temperature: 0° to 40° C Relative Humidity: 10% to 90% non-condensing
Dimension	440 x 140 x 44mm (17.32 x 5.51 x 1.73inch)
Power	100-240 VAC, 50/60 Hz

CE

FCC Part 15, Class A
CISPR 22 Class A