16-port 10/100/1000Mbps Ethernet Switch

KS-1016

Description

The KS1016 16 Port 10/100/1000Mbps gigabit switch provides the seamless network connection. This device integrates 1000Mbps Gigabit Ethernet, 100Mbps Fast Ethernet and 10Mbps Ethernet network capabilities in a highly flexible package. With 16-10/100/1000Mbps Auto-Negotiation RJ45 ports, all ports support Auto MDI/MDIX function. The Switch with a low-cost, easy-to-use, high performance upgrades your old network to a 1000Mbps Gigabit network. Based on Gigabit Ethernet Technology, It is essential to helping solve network bottlenecks that frequently develop as more advanced computer users and newer applications continue to demand greater network resources. Support IEEE802.3az energy efficient Ethernet (EEE), reduce power consumption by detection cable length and operating loading, auto adjust signal intensity, Reduce energy consumption, and protect the environment.

The switch is easy to install and use. It requires no configuration and installation. It is a great selection for expanding your home or office network.

Features

➢ 16 10/100/1000BASE-T Gigabit Ethernet Ports
➢ Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3az standards
➢ Support up to 8K MAC addresses
➢ Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
➢ Support packet length 9216 bytes jumbo frame packet forwarding at wire speed
➢ LED indicators for monitoring power, link/activity

Specification

Model		KS1016
Chipset		RTL8376+RTL8218
Standards		IEEE 802.3, IEEE 802.3u, IEEE802.3ab,IEEE802.3x, IEEE802.3az
Network Media (Cable)		10Base-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ù STP (maximum 100m) 100Base-Tx: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ù STP (maximum 100m) 1000Base-T: UTP category 5e,6 cable (maximum 100m)
Number of Ports		16 x 10/100/1000Mbps Auto-Negotiation ports
LED indicators	LINK/ACT	Green
	Power	Green
Transfer Method		Store-and-Forward
Switching Capacity		32G
MAC Address Learning		Automatically learning, automatically Update 8K Table
Frame Filtering and Forward Rate		10Mbps: 14880pps, 100Mbps: 148800pps 1000Mbps: 1488000pps
Dimensions (W × D × H)		280x180x44.3mm (11" metal case)
Environment		Operating Temperature: 0℃- 40℃ Storage Temperature: -40℃- 70℃ Operating Humidity: 10%~90% non-condensing Storage humidity: 5%~90% non-condensing
Power Supply		AC 100V~240V 50/60HZ (Internal Power supply)
Power consumption		Max 7.0(watts)