RS1024K-48L

ETHERNET SWITCH



Overview

RS1024K-48L features 48 × 10/100/1000Mbps RJ45 ports, providing high-density Gigabit Ethernet connectivity for computers, servers, network cameras, wireless APs and other Ethernet devices.

56Gbps High-Speed Switching Provides 56Gbps switching

capacity and 80.64Mpps packet forwarding rate, supporting efficient data transmission across multiple Gigabit Ethernet connections.

8K MAC Address & 9K Jumbo Frame

Features an 8K MAC address table, 4.1Mbit packet forwarding cache and jumbo frame support up to 9KB, helping maintain stable network performance under high traffic.

Unmanaged Plug-and-Play Design

The unmanaged Ethernet switch uses store-and-forward technology and automatic speed negotiation for simple deployment without complicated configuration, suitable for office, enterprise and security networks.

1U Rack-Mount Network Solution

With AC 100–240V input and standard 1U rack-mount installation, NF1024K-48L is suitable for offices, enterprise networks, schools, hotels and small-to-medium commercial environments. OEM/ODM customization is available.

Product Name	Full Gigabit 48 Port Ethernet Switch
Ports	48x10/100/1000Mbps RJ45 Ports
Network Standards	IEEE 802.3 IEEE 802.3i IEEE 802.3u IEEE 802.3ab IEEE 802.3x IEEE 802.3az
Type of forwarding	Storage forwarding

Switching Capacity	56G
Packet forwarding rate	80.64Mpps (supporting 9K giant frame transmission)
MAC Address Table	8K
Packet forwarding cache	4.1Mbit
Power Consumption	Full-load power consumption: ≤ 45W
indicator light	Power LED 1-48: (network LED 10/100/1000M)
Input voltage	AC 100-240V 50/60Hz 1A
Operating Environment	Operating Temp: - 15°C~55°C; Storage Temp: -40°C~70°C Operating Humidity: 10%~90% RH; Storage Humidity: 5%~90% RH, non-condensing
Network media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat6 or later UTP(≤100 meter)
Product size/package size (L*W*H)	440*330*45 580*390*70mm
Net weight/gross weight (kg)	3.7kg/5kg
Installation Method	1U standard rack mounting
Lightning Protection	±4KV， IP30