RS1024K-48L-6S-10G-M

L2/3 MANAGED SWITCH



Product Overview

L2+ managed Ethernet switch with 48 Gigabit RJ45 ports and 6*10G SFP+ uplink slots. 216Gbps switching bandwidth, 160Mpps forwarding rate. 32K MAC address table. Optical convergence switch ideal for enterprise distribution and campus network aggregation.

Product Highlights

- 48 Gigabit RJ45 Ports: 10/100/1000Mbps auto-sensing copper access.
- 6*10G SFP+ Uplink: 10G fiber slots for high-speed optical convergence.
- 216Gbps Bandwidth: Non-blocking with 160Mpps forwarding rate.
- 32K MAC Address Table: Large entry table for enterprise networks.
- L2+ Management: SNMP, QoS, VLAN, LACP with console port for management.

Product name	48 GE 6 10G SFP L2+ Managed Ethernet Switch	
Model	RS1024K-48L-6S-10G-M	
Basic feature		
Fixed port	48*1G RJ45 ports 6*10G SFP+ports 1*console	
Bandwidth	216Gbps	
Packet Forwarding	160Mpps	
FLASH	32MB	
RAM	256M	
MAC Address	32K	
Software specifications		
L2 management function	**PORT**	Port auto negotiation
		flow control
		Port Mirror
		Flow statistics

	LACP	Static link aggregation
		load balancing
		Algorithm based on source/destination MAC
		Algorithm based on source/destination IP
		Dynamic link aggregation
	MAC	Aging time setting
		Dynamic MAC address management
		MAC address binding and filtering
		Static MAC address
	VLAN	802.1q label VLAN
		MAC address based VLAN
		Protocol VLAN
	STP	802.1d Spanning Tree Protocol (STP)
		802.1w Fast Spanning Tree Protocol (RSTP)
		802.1s Multiple Spanning Tree Protocol (MSTP)
	MULTICAST MANAGEMENT	IGMP v1/v2/
		IGMP Snooping
		Fast Leave
		IGMP statistics
Safety function	Port security	
	Port isolation	
	Loopback detection	
	Access Control List	
	Management session timeout	
	IP based Web GUI access restrictions	
Management Function	SNMP v1/v2c/v3	
	Public MIBs	
	SSH server	
	Web-GUI (http/https)	
	Telnet	
	Firmware WEB page upgrade	
	Configuration saving and uploading	
	DHCP Server	
Maintenance Functions	CPU Monitor	
	Memory Monitor	

	system log
Physical Characteristics	
Product siz （L*W*H）	440*285*44mm （505*390*100mm）
Machine weight	4KG
Package specification	5SET W*D*H 550*515*360 22Kg
Power	AC 110-240V adaptive,<130W
LED Indicator	Power LED； System LED