RS1024K-24S-2S-40G-M

MANAGED 10G SWITCH



Product Overview

Gigabit PoE switch for network and surveillance applications.

Product Highlights

- IEEE 802.3af/at PoE support
- Unmanaged plug-and-play design

Product name	24 10G SFP 2 40G QSFP+ Optical Convergence Managed Switch
Model	RS1024K-24S-2S-40G-M
Fixed port	24*10G SFP 4*10/100M/1000M Photoelectric multiplex port 8*10G ports or 2*40G QSFP+ 1*Console 1*OOB
Bandwidth	1.28Tbps
Packet Forwarding	960Mpps
Jumbo frame	9216 bytes
Forwarding mode	Support store forward mode and cut through mode
MAC address table	128K
Packet Buffer	9MB
VLAN ID	4K

Flash memory capacity	32MB
Memory capacity	1GB DDR3 SDRAM
CPU	PPC Dual-core
Security features	IP+MAC+PORT+VLAN binding;ARP detection;DOS protection;Port protection;IP source port protection
VLAN	With port based VLAN;802.1Q VLAN;Based on IP address;Based on raincoat
Address table	Static MAC address table;Dynamic MAC address table
Storm control	Broadcast suppression;Multicast suppression;DLF suppression;Inhibition rate
flow control	Half duplex control based on back pressure;Full duplex based on PAUSE frame
Port Mirror	Support port mirroring
Port management	General settings;Port statistics;configure port;Port aggregation;Port isolation
Service quality	IEEE 802.1Qau Congestion Mechanism 8 send queues per port map to 8 priorities of 802.1p
IP Services	Ping detection;DHCP detection
Spanning tree	MSTP(802.1s)、 STP、 RSTP
Multicast management	IGMP Snooping Multicast Message Detection
System management	SNMP v1/v2/v3;Console Management;TELNET mode;WEB interface
Remote upgrade	Support version upgrade via web;Support local version upgrade
External dimensions	438.48*473*43.4mm
Power supply characteristics	AC： 90V ～ 290V DC： -38.4V ～ -72V
power	≤230W
Indicator light	Power indication, system indication, connection/transceiver indication
Ambient temperature/humidity	Operating temperature: 0 ° C~50 ° C (0m~1800m) Storage temperature: - 40 ° C~+70 ° C, relative humidity: 5% RH~95% RH, non condensing