CUDY

GS5048S4

Kod: 00-00003751 · Switchlər



CUDY GS5048S4 48-Port Layer 3 Managed Gigabit Switch with 4 10G SFP Slot

Texniki göstəricilər

48 Port
Port sayı

Managed
Tip

1000mb/s
Port sürəti

Ətraflı məlumat

Model	GS5048S4
AC INPUT	AC100-240V□ 50/60Hz
Ethernet Port	48× Gigabit Ethernet Ports
	4× 10G SFP+ Ports
	1× RJ45 Console Port
USB Port	1× USB Console Port
Bandwidth	176 Gbps
Packet Forwarding rate	131 Mpps
DDR SDRAM	512 MB
Flash Memory	32 MB
Packet Buffer Memory	16 Mbit (2 MB)
MAC Address	32K
Jumbo frame	12 KB
VLANs	4096
Standard	

Network Protocols	IEEE 802.3: Ethernet MAC Protocol IEEE 802.3i: 10BASE-T Ethernet IEEE 802.3u: 100BASE-TX Fast Ethernet IEEE 802.3ab: 1000BASE-T Gigabit Ethernet IEEE 802.3z: 1000BASE-X Gigabit Ethernet (optical fiber) IEEE 802.3ae: 10G Ethernet (optical fiber) IEEE 802.3az: Energy Efficient Ethernet IEEE 802.3ad: Standard method for performing link aggregation IEEE 802.3x: Flow control IEEE 802.1ab: LLDP/LLDP-MED (Link Layer Discovery Protocol) IEEE 802.1p: LAN Layer QoS/CoS Protocol Traffic Prioritization(Multicast filtering function) IEEE 802.1q: VLAN Bridge Operation IEEE 802.1x: Client/Server Access Control and Authentication Protocol IEEE 802.1d: STP IEEE 802.1s: MSTP IEEE 802.1w: RSTP
Network Media	10BASE-T: Cat3 / 4 / 5 or above UTP (≤100 m) 100BASE-TX: Cat5 or above UTP (≤100 m) 1000BASE-TX: Cat5 or above UTP (≤100 m) Multi-mode Fiber: 50/125, 62.5/125, 100/140um Single-mode Fiber: 8/125, 8.7/125, 9/125, 10/125um
Working Environment	Operating temperature: -10 ~ 50°C (14°F ~ 122°F) Storage temperature: -40 ~ 70°C (-40°F ~ 158°F) Operating Humidity: 10%~90%, No condensation Storage Humidity: 5%~90%, No condensation
Function indication	
Indicator Light	PWR(Power indicator), SYS(System lights), Link/ACT(Link light/data light)
Physical Specification	
Structure Size	Product Dimensions: 440×280×44 mm (17.32 × 11.02 × 1.73 inches) Package Dimensions: 500×365×85 mm (19.69 × 14.37 × 3.35 inches) Product N.W: 3.87 kg Product G.W: 4.70 kg
Power Voltage	Machine Input Voltage: AC 100-240V

Software Function	
Basic Function	Support hardware watchdog, factory reset, system and port LED Support global information, statistical information, log information Support User management, alarm management, configuration management Support Port rate, duplex, flow control, maximum frame length configuration Support Port mirroring, port speed limit, port energy saving
Layer 3 Interface	Support Layer 3 interface Support IPv4, IPv6 address configuration Support ARP configuration Support ND configuration
Layer 3 Routing	Support IPv4 static routing Support IPv6 static routing Support RIP V1/V2 Support OSPF
DHCP	Support DHCP server Support DHCP relay Support DHCP Snooping
VLAN	Support 4K VLAN Support 802.1Q VLAN based on port VLAN Support Access / Trunk / Hybrid VLAN mode Support GVRP (VLAN registration protocol) Support MAC VLAN / IP VLAN Support Voice VLAN
MAC Address	Support MAC address automatic learning and aging Support Static, dynamic, filtered address table
Security features	Password protection Support Restrict user access based on port number, IP address, MAC address Support HTTPS / SSH V1/V2 Support IP-MAC-PORT-VLAN binding Support ARP detection, IP source protection, DoS protection Support DHCP Snooping / DHCP Attack protection Support 802.1X Certification SupportAAA (Authentication, Authorization, Accounting), Support RADIUS protocal,TACACS+ Support Port security, port isolation
Access control	Support L2(Layer 2) L4(Layer 4) Packet filtering function Support Port mirroring, flow rate limiting, QoS remarking

QOS	Support 8 port queues Support Port priority, 802.1P priority, DSCP priority Support SP, WRR Priority scheduling algorithm
Spanning tree	Support STP(IEEE 802.1d), RSTP(IEEE 802.1w) and MSTP(IEEE 802.1s) protocol Support Multi-instance, Support Aggregate interface Support BPDU protection
Multicast	Support IGMP v1/v2/v3 Snooping Support MLD v1/v2 Snooping Support Layer 2 multicast fast leave mechanism, querier Support Layer 2 IPv4 static multicast Support Layer 2 IPv6 static multicast Support IGMP v1/v2/v3 Layer 3 multicast
Storm suppression	Support multicast suppression Support broadcast storm suppression Support unknown unicast suppression
Ring protection	Support Ring protection
Link Aggregation	Support Static Aggregation Support LACP Dynamic Aggregation Support based on IP, MAC, mixed load-balancing modes Maximum support 32 aggregation groups (8 ports per aggregation group)
IPv6	Support IPv6 Ping / IPv6 Traceroute / IPv6 Telnet Support IPv6 SSH Support IPv6 HTTP / IPv6 HTTPS
Management and Maintenance	Support WEB Management (HTTP / HTTPS) Support CLI (Telnet, SSH V1/V2, Local serial port) Support SNMP V1/V2/V3 Support RMON V2 Support LLDP Device discovery Support SNTP Time synchronization Support CPU Monitoring, Memory Monitoring Support System log, classification warning Support Ping, Traceroute detection, cable detection

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