CUDY

GS5024S4

Kod: 00-00003750 · Switchlər



CUDY GS5024S4 24-Port Layer 3 Managed Gigabit Switch with 4 10G SFP Slots

Texniki göstəricilər

24 Port
Port sayı

Managed
Tip

1000mb/s
Port sürəti

Ətraflı məlumat

Model	GS5024S4
AC INPUT	AC 100-240V□ 50/60Hz
Ethernet Ports	24× Gigabit Ethernet Ports
	4× 10G SFP+ Ports
	1× Ethernet Console Port
USB Console Ports	1× USB Console Port
Bandwidth	128 Gbps
Packet Forwarding rate	95.23 Mpps
DDR SDRAM	128 MB
Flash Memory	16 MB
Packet Buffer Memory	12 Mbit (1.5 MB)
MAC Address	16K
Jumbo frame	12 Kbytes
VLANs	4096
Standards	

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 (18°F ~ 122°F) Storage temperature: -40~70°C (-40°F ~ 158°F) Operating Humidity: 10%~90%, No condensation Storage Humidity: 5%~90%, No condensation
LED Indicators	
Indicator	PWR (Power Indicator); SYS (System Light); Link/Act (Link & Data)
PWR Power Indicator	On: Powered Off: No Power
SYS System Indicator	On: System On Off: System Off
Link (Link light)	On: Connected Off: Disconnected

ACT (data light)	Flashing: Data Transmit Off: Disconnected
Physical	
Structure Size	Product Size: 440×205×44 mm (17.32×8.07×1.73 inches) Package Size: 500×290×85 mm (19.69×11.42×3.35 inches) Product N. W: 2.53 kg Product G. W: 3.14 kg
Power Voltage	Machine Input Voltage: AC 100-240V
Software	
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 baesd on port VLAN

SupportAccess / 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) protocal
	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
	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
Management and Maintenance	Support CPU Monitoring, Memory Monitoring
	Support System log, classification warning
	Support Ping, Traceroute detection, cable detection

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