

سوییچ رک مونت

Model: SW-2456GC-4S-L2

دارای 24 پورت شبکه POE 1000 Mbps

2 * 1 G SFP Slots + 2 * 1G TP/ SFP Combo

سوییچ مدیریتی



ویژگی ها

- دارای هشت خروجی 90 وات
- دارای شانزده خروجی 30 وات
- دارای مدیریت از راه دور از طریق CLI و Telnet و SSH
- ظرفیت سوییچ 56 Gbps
- 500 W
- دارای یک پورت کنسول
- قابلیت ارسال دیتا و POE در مسافت بالای 100 متر
- پشتیبانی از Spanning Tree (STP/ RSTP/ MSTP)
- پشتیبانی از VLAN (Port Based/ MAC Based/ Protocol Based/ Private/ IP Subnet Based/ Voice/ Surveillance)
- پشتیبانی از DHCP Server/Relay, GVRP/GMRP,ZTP
- پشتیبانی از IGMP Snooping (v1/v2/v3), DHCP Snooping, Rate Limiting, Port Isolation, Port Mirroring
- پشتیبانی از QoS (8 Queues/Port/802.1p/DSCP)
- پشتیبانی از Authorization (802.1x/ AAA/ TACACS+/ RADIUS)
- پشتیبانی از Link Aggregation (LACP, Static)
- پشتیبانی از Storm Control (Unknown Unicast, Unknown Multicast, Broadcast)

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سال
گارانتی طلایی
تعویض

Model	SW-2456GC-4S-L2
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.1X, IEEE802.1q, IEEE802.1p, IEEE802.1d, IEEE802.1w, IEEE802.3ad, IEEE802.3af, IEEE802.3at, IEEE802.3bt
Interface	24*10/100/1000Mbps RJ45 Port (Auto Negotiation/Auto MDI/MDIX) 2*10/100/1000Mbps Combo ports 2*1000Mbps SFP Slots 1 Console Port
Indicator	PWR、LNK/ACT、PoE、SYS
Network media	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5, 5e cable (≤100m) 1000BASE-T: UTP category 5e, 5 cable (≤100m) 1000BASE-X: MMF, SMF
MAC Address Table	8K, Auto-learning, Auto-aging
jumbo frame	9216Bytes
Transfer Mode	Store-and-forward
Packet Forward Speed	41.66Mpps
Switching Capacity	56Gbps
Packet Buffer	4.1Mbit
Dimensions(L*W*H)	440*207*44mm
Fan Quantity	2
PoE Port	Port1~24 (Port1-8support IEEE802.3bt)
PoE Power on RJ45	Port 1-8 Support 4Pairs power lines:1/2 (-),3/6 (+) and 4/5 (+)/7/8 (-) Port 9-24 Support 2Pairs power lines: 1/2 (-), 3/6 (+)
PoE Power Output	Voltage: 55V DC Power: Port1-8: 90W(MAX), Port 9-24: 32W(MAX)
PoE Power Budget	500W
Power supply	550W
Input Power Supply	100~240V AC, 50/60Hz
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 70°C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Surge Protection	Common mode ±6KV, Differential mode ±4KV
MTBF	>50000 hours
Electrostatic standard	Contact 6KV, Air 8KV
Green energy saving	Support IEEE802.3az

L2 Features	MAC Address Table	MAC Aging Time
		MAC Filter
		MAC Notification
	Basic Management	Console/Telnet/SSH
		Http/Https, SSL/TLS
		HTTP/FTP/TFTP
		Syslog
		SNMP(v1/v2c/v3), SNMP Trap
		SNTP/NTP
		CPU protect
		Software/Hardware watchdog
		Firmware Upgrade/Backup
		Ping/Traceroute
	Port Config	Bandwidth Control
		Flow Control
		EEE
		MTU
		CFM (802.1ag)
		EFM OAM (802.3ah)
		DDM
		Storm Control
		Port Isolation
		Port Security
		Virtual Cable Test
		ULDP/Cisco UDLD
	Discovery	LLDP (802.1ab)
		LLDP-MED
	Link Aggregation	Static
		LACP (802.3ad)
		Load Balance (src-mac/dst-mac/src-ip/dst-ip)
		Max groups and ports per group
	VLAN	VLAN (802.1Q 4K)
		Access/Trunk/Hybrid
		Private VLAN
		VLAN Filter
		MAC-based VLAN
		Protocol-based VLAN
		IP Subnet-based VLAN
		Voice VLAN
		GVRP/GMRP
		QinQ/Selective-QinQ/Flexible QinQ
		VLAN Translation/N:1 VLAN Translation
		Guest VLAN
	Network Loop Detection	Loopback Detection
		ERPS
	Spanning Tree	STP/RSTP/MSTP
		MSTP Support 64 instance
		BPDU Guard/Root Guard/BPDU Tunnel
	ARP	Static ARP
		ARP Scanning Prevention
		ARP Spoofing Prevention

L2 Features	ARP	ARP Guard
		Gratuitous ARP
		Dynamic ARP Inspection
		ARP Quantity Control
IPv4 Related Function	ICMP	Anti ICMP Attack
		ICMP Rate Limit
		ICMP Unreachable Drop
	Control Multicast	DCSCM
	Multicast VALN	Multicast VALN
	IGMP	IGMP SNOOPING V1/V2/V3
		Fast Leave
		IGMP Proxy
	DHCP	DHCP Client/BOOTP
		DHCP Relay
		DHCP Snooping
		DHCP Option 82/43/60/61/67
IPv6 Related Function	IPv6 Basic	IPv6 ND Snooping
	DHCPv6	DHCPv6 Relay
		DHCPv6 Snooping
		IPv6 SAVI
		Security RA
	IPv6 Multicast Routing	MLD v1/V2 Snooping
	IPv6 Features	SNMP over IPv6 Support
		HTTP over IPv6 Support
		SSH over IPv6 Support
		DNS over IPv6 Support
		IPv6 ping/traceroute Support
		IPv6 Telnet Support
		IPv6 Radius+ Support
		IPv6 Tacacs+ Support
		IPv6 SNTP/NTP Support
		IPv6 FTP/TFTP Support
		IPv6 IPsec Support
		IPv6 ACL
	Basic	Trust COS/DSCP
		Trust Port
COS to Queue mapping	Scheduling	SP
		WRR
		WDRR
	PolicyMap Stream	Based on VLAN
		Based on COS/DSCP
		Aggregate PolicyMap
		Ingress PolicyMap
	Policing	CAR Stream Shaping (leak algorithm)
		Ingress Policing
	Rewrite	COS/802.1p Priority
		IP Precedence
		IPv4 DSCP/IPv6 DSCP
		drop-precedence
		internal-priority
	Queuing	Ingress/Egress Rewrite
		DSCP to DSCP mapping
		DSCP to DP mapping
		DSCP to Queue mapping
		COS to DP mapping

ACL	IP-ACL	SIP/DIP
ACL	IP-ACL	IP Protocol
		IP Priority (DSCP,TOS, Precedence)
		TCP, UDP src, dst Port
	MAC-ACL	SRC/DST MAC
		VLAN
		COS
		Tag/Untag
	IP-MAC ACL	MAC-ACL and IP-ACL
	User-defined ACL	Based on user defined profile
	ACL Features	Based on time period ACL
ACL on VLAN		
Based on ACL Stream		
Security	802.1x	Port Based Authentication
		Support EAPoR
		MAC based Authentication
		Guest VLAN
	MAB	Based on Port Authentication
		Based on MAC Authentication
	MAC Address Count Limit	Based on Port
		Based on VLAN
	IP Address Count Limit	Based on Port
		Based on VLAN
	Access Management	Based on source mac and IP address
	Deny DoS Attack	TCP Flag
		TCP Fragment
		IP Segment
		ICMP
	TACACS+	Standard Support
Radius	Standard Support	
	Client, Support MD5	
SSL	Openssl 1.1.0	
Redundancy Related Function	MRPP	Compatible ERRP
	ULPP	Uplink Protection Protocol
		Smart Link/Monitor Link
	ULSM	Uplink State Monitor
Mirror	Mirror	Support one to one, multi to one
		Port based mirror, support ingress, egress, and both
		CPU based mirror
		Flow based mirror
		RSPAN
PoE	PoE Management	ON/OFF Config
		Alive Checking for PD
		7/24 On/Off Scheduling