

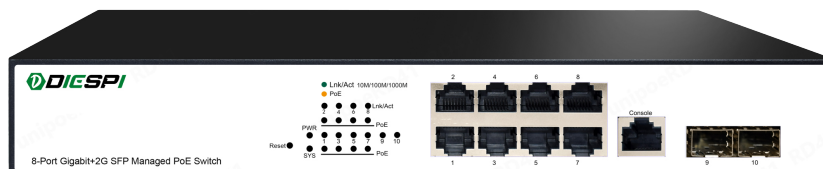
سوییچ رک مونت

Model: SW-820GA-2S-L2

دارای 8 پورت شبکه POE 1000Mbps

دارای 2 پورت فیبر نوری 1000Mbps

سوییچ مدیریتی



ویژگی ها

- ◀ سوییچ مدیریتی POE
- ◀ پشتیبانی از استانداردهای IEEE802.3af/at
- ◀ دارای مدیریت از راه دور از طریق SSH, Telnet, CLI برای پیکربندی و نظارت کامل شبکه
- ◀ قابلیت ارسال دیتا و POE در مسافت بالای 100 متر
- ◀ شناسایی دستگاه‌های POE به صورت خودکار
- ◀ دارای خروجی 30 وات به ازای هر پورت
- ◀ ظرفیت سوییچ 24 Gbps
- ◀ 140 W

2 سال
گارانتی طلایی
تعویض

Model	SW-820GA-2S-L2	
Interface	8*10/100/1000Mbps RJ45 Port (Auto Negotiation/Auto MDI/MDIX) 2*1000Mbps SFP Slots 1 Console Port	
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1X, IEEE 802.1q, IEEE 802.1p, IEEE 802.1d, IEEE 802.1w, IEEE 802.3ad, IEEE802.3af, IEEE802.3at	
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	
Indicator	PWR, LNK/ACT, PoE, SYS	
MAC Address Table	8K, Auto-learning, Auto-updating	
Jumbo Frame	9216Bytes	
Packet Buffer	4.1Mbit	
Transfer Mode	Store-and-forward	
Packet Forward Speed	14.88Mpps	
Switching Capacity	20Gbps	
PoE Port	Port1~8	
PoE Power On RJ45	1/2 (+) , 3/6 (-)	
PoE Power Output	Voltage: 55V Power: 30W (MAX)	
PoE Power Budget	140W	140W Fanless (optional)
Power Supply	150W	150W Fanless (optional)
Input Power Supply	100~240V AC, 50/60Hz	
Fan Quantity	1	Fanless (optional)
Dimensions(L*W*H)	280*180*44mm	
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 ±4KV Differential mode ±2KV;	
MTBF	>50000 hour	
Electrostatic Standard	Contact ±6KV, Air ±8KV	
Green Energy Saving	Support IEEE (802.3az)	

L3 Features	DHCP Server	DHCP Server
		DHCPv6 Server
	Route	Static Route(IPV4/IPV6)
		Route Aggregation
L2 Features	MAC Address Table	MAC Aging Time
		MAC Filter
		MAC Notification
	Basic Management	Console/Telnet/SSH
		Http/Https,SSL/TLS
		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
	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
		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
QoS(Quality Of Service)	Basic	Trust COS/DSCP
		Trust Port
	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
		Ingress/Egress Rewrite
	Queuing	DSCP to DSCP mapping
		DSCP to DP mapping
		DSCP to Queue mapping
		COS to DP mapping
		COS to Queue mapping

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