

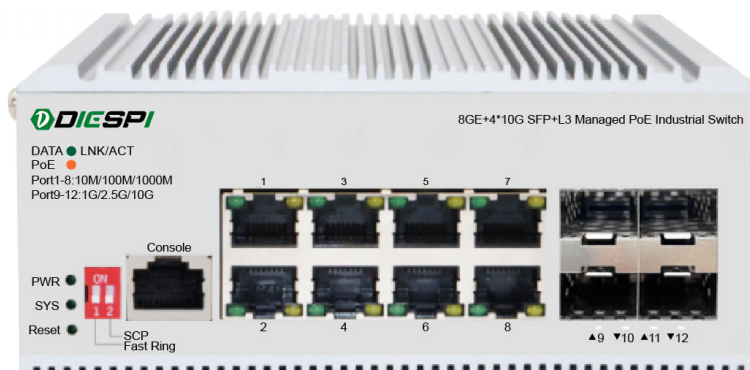
سوییچ صنعتی لایه 3

Model:SW-IN896GC-4ST-L3

دارای 4 پورت فیبر نوری ده گیگابیت بر ثانیه

دارای 8 پورت شبکه POE

سوییچ مدیریتی



ویژگی ها

- دارای یک پورت کنسول
- دارای مدیریت حرفه‌ای از راه دور از طریق CLI, Telnet و SSH برای پیکربندی و نظارت کامل شبکه
- پشتیبانی از مسیریابی استاتیک Vlan، QoS
- پشتیبانی از توپولوژی رینگ بین سوییچ‌ها
- دارای خروجی ماکزیمم 90 وات به ازای هر پورت
- نمایش وضعیت سوییچ از طریق چراغ‌های روی پنل
- پشتیبانی از مدیریت آپلود و دانلود فایل TFTP، HTTP و FTP
- ظرفیت سوییچ 96 Gbps
- 320 W

3 سال
گارانتی طلایی
تعویض

Model	SW-IN896GC-4ST-L3
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	8*10/100/1000Mbps RJ45 Ports 4* 10Gbps SFP+ Slots 1*Console Port
Indicator	PWR(Green), LNK/ACT(Green), PoE(Orange), SYS(Green)
Network Media	10BASE-T:UTP category 3,4,5 cable (≤100m) 100BASE-TX:UTP category 5, 5e cable (≤100m) 1000BASE-X:UTP category 5e, 5 cable (≤100m) 1000BASE-X:MMF, SMF 10GBASE-X:MMF, SMF
MAC Address Table	16K, Auto-learning, Auto-update
Jumbo Frame	12KByte
Packet Buffer	12Mbit
Transfer Mode	Store-and-forward
Switching Capacity	96Gbps
Packet Forward Speed	71.42Mpps
Dimensions(L*W*H)	145*109*62mm
Input voltage	48-57V DC
Input Power Supply	Port 1-8
PoE Output	90W(Max)
PoE Power On RJ45	1/2(+), 3/6(-)4/5 (-) , 7/8 (+)
PoE Power Budget	320W
Power Supply	350W
Operating Temperature	-40°C ~ 75°C
Storage Temperature	-40°C ~ 80°C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Surge Protection	Differential mode ±2KV , Common mode ±4KV

L3 Features	DHCP Server	DHCP Server DHCPv6 Server
	Route	Static Route(IPV4/IPV6) Route Aggregation
	RIP	RIP v1/v2
	OSPF	OSPF v2
	BGP	BGP4
	MAC Address Table	MAC Aging Time MAC Filter MAC Notification
L2 Features	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
		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
		Link Aggregation
		VLAN
		Network Loop Detection
		Spanning Tree
	ARP	Static ARP ARP Scanning Prevention ARP Spoofing Prevention
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L2 Features	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 Unicast Routing	Static Route
	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
	Queuing	Ingress/Egress Rewrite
		DSCP to DSCP mapping

QoS(Quality Of Service)	Queuing	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 Port
		Based on VLAN
		Based on source mac and IP address
	Deny DoS Attack	TCP Flag
		TCP Flagment
		IP Segment
		ICMP
Redundancy Related Function	TACACS+	Standard Support
	Radius	Standard Support
	SSL	Client, Support MD5
		Openssl 1.1.0
Flow Monitor Function	MRPP	Compatiable ERRP
	ULPP	Uplink Protection Protocol
		Smart Link/Monitor Link
	ULSM	Uplink State Monitor
PoE	PoE Management	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