



Model	SL-GS3228P / SL-POE3228GSFP
Product	Full Gigabit 24GE POE +4TP/4SFP Combo L2+ Managed PoE Switch
Fixed Port	24*10/100/1000Base-TX PoE port 4*COMBO
PoE Ports	1-2 port supports IEEE802.3af/at/poe++/bt, max 90W PoE out 3-24 port supports IEEE802.3af/at, max 30W/port, PoE out
Console port	1*console port
Reset Key	1
PoE Pin	Af/at/bt: 12+ 45+ ; 36- 78- Af/at: 12+ 36-
PoE Bridge	max 400W
Network Protocol	IEEE 802.3 IEEE 802.3u 100BASE-TX IEEE 802.3ab1000BASE-T IEEE 802.3x IEEE 802.3z 1000BASE-X IEEE 802.3ad IEEE 802.3q 、IEEE 802.3q/p IEEE 802.1w 、IEEE 802.1d 、IEEE 802.1S STP(Spanning Tree Protocol) RSTP/MSTP(Rapid Spanning Tree Protocol) EPPS ring network protocol EAPS ring network protocol
Bandwidth	56Gbps
Packet Forwarding	41.67Mpps
MAC Address	8K

Data sheet

Buffer	4.1M
Transmission Distance	10BASE-T : Cat3,4,5 UTP(≤250 meter) 100BASE-TX : Cat5 or later UTP(≤100 meter) 1000BASE-TX : Cat6 or later UTP(≤1000 meter) 1000BASE-SX:62.5μm/50μm MMF(2m~550m) 1000BASE-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
FLASH	16M
RAM	128M
CPU	500MHz
DDR	1G DDR3
LED Indicator	PWR: Power LED SYS: (System LED) 1~24 Port:(Link LED;1000M LED;PoE LED) 25~28:(COMBO LED)
Power	Built-in power AC : 100-240Vac 50-60Hz 5.1A max 425W
Operating Temperature/Humidity	-10~+55°C ; 5%~90% RH Non coagulation
Storage Temperature/Humidity	-40~+75°C ; 5%~95% RH Non coagulation
Product size/ package size (L*W*H)	440mm*290mm*45mm 515mm*375mm*95mm
N.W/G.W (kg)	3.5kg/4.2kg
Installation	Rack-mount(optional machine hanger spare parts)
Lightning protection / protection level	6KV 8/20us ; IP30
Certificate	3C ; CE-EMC EN55032 ; CE-LVD EN62368 ; FCC Part 15 Class B ; RoHS ; KC
Warranty	Whole device for 1 year

L2 Software Function

Network Protocol	IEEE 802.3x IEEE 802.3 、 IEEE 802.3u 、 IEEE 802.3ab 、 IEEE 802.3z IEEE 802.3ad IEEE 802.3q 、 IEEE 802.3q/p IEEE 802.1w 、 IEEE 802.1d 、 IEEE 802.1S 、 IEEE 802.1X
MAC	Support 16K MAC address,auto aging and learning
VLAN Configuration	Support port-based VLAN Up to 4096 VLANs Support Voice VLAN, can configure Qos for voice data 802.1Q

Data sheet

Spanning Tree	STP(Spanning tree protocol) RSTP(Rapid spanning tree protocol) MSTP(Rapid spanning tree protocol) EPPS(Ring network protocol) EAPS(Ring network protocol) 802.1x
Port Aggregation	Support 8 groups of aggregation, each group support up to 8 ports
Port Mirroring	Support many-to-one port mirroring
Loop Guard	Support loop protection, real-time detection, quick alarm, concise location, Intelligent blocking, automatic recovery
Port Isolation	Support downlink ports isolate from each other and communicate with uplink port as well
Flow Control	Half duplex based on Back pressure; Full duplex based on PAUSE frame
Speed Limitation	Bandwidth management based on port input and output
Multicast Control	IGMPv1/2/3 and MLDv1/2 Snooping GMRP protocol registration Multicast address management, multicast VLAN, multicast routing port, static multicast address
DHCP	DHCP Snooping
Storm Suppression	Support unknown unicast, multicast , unknown multicast, broadcast type storm suppression; Storm suppression based on bandwidth adjustment and storm filtering
Security	Support User port+IP address+MAC address ACL based on IP, MAC Support security properties of number of MAC address based on port
QOS	802.1p port queue priority algorithm Cos/Tos,QOS remark WRR(Weighted Round Robin), weighted priority rotation algorithm WRR · SP · WFQ priority scheduling modes
Cable Sequence	Auto-MDIX; auto detection on straight-through and cross-over cable
Negotiation Mode	Port support auto negotiation function(self-negotiation transmission rate and duplex mode)
System maintenance	Upgrade package upload System log viewing WEB recovery factory configuration
PoE management	Turn the Port On or Off Standard PoE schedule management Automatic detection of online equipment function(Automatic execution without operation)

Data sheet

Network Management	WEB interface management CLI management based on Telnet 、TFTIP 、Console SNMP V1/V2/V3 management RMONV1/V2 management RMON management
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