

# S4700 Series L3 Lite Gigabits Intelligent Switch



S4700 Series Full GE and Full management Switch can easily aggregation the access request from Home User and Enterprise Networking user. Providing from 24-48 GE high density ports, and fixed 4 10G SFP+ slot, S4700 series can provide high-speed LAN Networking. Also, with powerful software functionality and security features, S4700 can be managed by CLI and SNMP mode, to make sure the whole network steady and robust.

## Product Specification:

Item		S4700	
		S4700-28T (28X)	S4700-52X
Physical Status	Port	24GT+4SFP (4SFP+)	48GT+4SFP+
	Power	AC	AC
	Fan	No	1
	Slot	NO	NO
	10G	NO	YES
	Weight	2.42kg±0.1kg	4.70kg±0.1kg
	Size(W*H*D)	442mm x 220mm x 43.6mm	442mm x 280mm x 43.6mm
	High(U)	1U	1U
	Running Temperature	-10°C~55°C	-10°C~55°C
	AC Power	90 ~ 264VAC, 47~63Hz	90 ~ 264VAC, 47~63Hz
	DC Power	NO	NO
	POE	NO	NO
	Power	20W	37W

	Consumption		
	Noise	No Fun	<40 db
	Thunder Defence	10/700 4KV	10/700 4KV
	Fun Speed Modification	NO	YES
	RJ45 console	YES	YES
	Ehernet Mangement Port	NO	NO
	MTBF	>=80k Hours	>=80k Hours
Feature	CPU	ARM A9 400MHZ	ARM A9 400MHZ
	Memory	256M	256M
	Flash	32M	32M
	IPv4 Routing Table	128	128
	IPv6 Routing table	128	128
	Buffer (Bit)	1.5MB	1.5MB
	Unicast MAC	16K	16K
	Multicast MAC	1024	1024
	ARP Table	512	512
	IPv6 ND Table	256	256
	IP Interface	510	510
	ACL	896	896
	Port Bandwith Granularity	8Kbit	8Kbit
LED	LED shut-off	YES	YES
	802.3az EEE	YES	YES
Port	GE	24	48
	GB SFP	4	0
	10G SFP+ port	-4	4
Jumbo	Jumbo Frame	9K	9K
MAC	MAC	16K	16K
	Port/MAC binding	YES	YES
	BLACKHOLE MAC	YES	YES

	Mac limitation based on Port	YES	YES
	Mac limitation based on Vlan	YES	YES
	MAC Filter	YES	YES
	MAC Study	Speed Limited on Port	Speed Limited on Port
VLAN	VLAN	4K	4K
	VLAN type	YES 1)Port-based 2)IEEE802.1Q VLAN Tagging 3)private vlan 4)Protocol Vlan 5)QinQ 6)access/trunk/hybrid 7)Vlan ingress Check 8)voice vlan 9)Selected QinQ 10) Flowing QinQ/Flexible QinQ 11)vlan translation 12)N:1 vlan translation	
	GVRP	YES	YES
DHCP	v4/v6 Client	YES	YES
	v4/v6 Relay	YES	YES
	v4/v6 Server	YES	YES
	v4/v6 snooping	YES	YES
	Option82	YES	YES
	option 43/60	YES	YES
	option 37/38	YES	YES
	IPv6 SAVI	YES	YES
IP Routing	Static Route	YES	YES
	RIP	YES	YES
	OSPF	NO	NO
	BGP	NO	NO
Reliability	Spanning Tree	802.1D STP, 802.1W RSTP, 802.1S MSTP Root Guard, BPDU Guard, BPDU Forwarding Multi-Process MSTP	
	LACP	128 groups per device/8 ports per group	

		Load balance
	L2 Ring Protection	MRPP ITU-T G. 8032 Loopback Detection Fast Link
	Multi-link Backup and Load Balance	Enhanced Multi-VLAN subnet Traffic Engineering (ULPP+ULSM)
Security		IP ACL, MAC ACL, MAC-IP ACL, User-Defined ACL Time Range ACL ACL on VLAN interface Storm Control based on packets and bytes Port Security, MAC Limit based on VLAN and Port Anti-ARP-Spoofing , Anti-ARP-Scan, ARP Binding ND Snooping DAI IEEE 802.1x, Web Portal Authentication, Authorization, Accounting Radius, TACACS+
Multicast		IGMP v1/v2/v3 snooping, IGMP Fast leave MVR MLD v1/v2 snooping IPv4/IPv6 DCSCM(D)
QoS		8 Queues Per Port Bandwidth Control Flow Redirect Classification based on ACL, VLAN ID, COS, TOS, DSCP, IPv6 Flow Label Policing Based on Port and VLAN Single Rate Three Colors, Dual Rates Three Colors for Policing Remark DSCP, COS/802.1p, Precedence, TOS SP, WRR, SWRR, DWRR for Scheduling
Maintenance and Operation Management		XModem/TFTP/FTP CLI, Telnet, Console Web/SSL (IPv4/IPv6) SSH (IPv4/IPv6) SNMPv1/v2c/v3 SNMP Trap

		Public & Private MIB interface RMON 1, 2, 3, 9 Ping, Trace Route Radius Authentication Syslog (IPv4/IPv6) SNTP/NTP (IPv4/IPv6) Dual IMG, Multiple Configuration Files Port Mirror, CPU Mirror, RSPAN, ERSPAN sFlow OAM EFM; OAM CFM* Dying GASP VCT, DDM ULDP (like Cisco UDLD) LLDP/LLDP MED OpenFlow 1.0, support open controller Opendaylight, Floodlight, Ryu, Pox, etc.
Green Energy		IEEE 802.3az (Energy Efficient Ethernet) Auto Fan Speed Control, Temperature Alarm (S5750E-28P and S5750E-28X has no fans) LED Shut-off

**Testing Report:**

Testing Report	CE	Yes	Yes
	FCC	Yes	Yes
	CCC	Yes	Yes

■ **Connect us**

**ZISA Corporation LIMITED**

Mail to : [sales@zisacom.com.cn](mailto:sales@zisacom.com.cn)

URL: <http://www.zisacom.com.cn>

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