



Carrier-Class Access Switch



Product Overview

- S2600 POE Series Ethernet Switches are new generation carrier access Ethernet POE devices. These series not only provide high bandwidth transmitting, but also provide remote power supply based on IP terminal devices.
- S2600 POE Series Switches comply IEEE standard of 802.3af and 802.3at.
- The maximum power consumption of each port is 32W, the full power consumption can reach 400W.

Product Highlight

 S2600-09PC	• 8 x 10/100Base-T with POE power supply • 1 x Combo GE+ (100/1000M Base-X SFP or 100/1000M Base-T) • 10K Jumbo, 16K MAC address, 4K VLAN, Q-in-Q • 460 ACL with controlling depth of L4 • Full-loaded power-consumption is lower than 14W (without POE supply) • POE supply comply 802.3af and 802.3at • Max power consumption supply of single port is 40 W
 S2600-20PC	• 16 x 10/100Base-T with POE power supply • 2 x Combo GE+ (100/1000M Base-X SFP or 100/1000M Base-T) • 2 x 100/1000Base-X SFP • 10K Jumbo, 16K MAC address, 4K VLAN, Q-in-Q • 460 ACL with controlling depth of L4 • Full-loaded power-consumption is lower than 15W (without POE supply) • POE supply satisfy 802.3af and 802.3at • Max power consumption supply of single port is 32W
 S2600-28PC	• 24 x 10/100Base-T with POE power supply • 2 x Combo GE+ (100/1000M Base-X SFP or 100/1000M Base-T) • 2 x 1000Base-X SFP • 10K Jumbo, 16K MAC address, 4K VLAN, Q-in-Q • 460 ACL with controlling depth of L4 • Full-loaded power-consumption is lower than 37W (without POE supply) • POE supply satisfy 802.3af and 802.3at • Max power consumption supply of single port is 32W
 PSE-V01	• 1 x 10/100Base-T FE (WAN, uplink connect) • 1 x 10/100Base-T FE (LAN, down link connect) • 1 x 220V Input Power Supply Interface • Support IEEE 802.3af standard, Provide power to standard PD device • Max power consumption supply of single port is 25W



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Product Specifications

Model	2600-09PC	2600-20PC	2600-28PC
Backplane Capacity	18Gbps	40Gbps	40Gbps
Switching Capacity	3.6Gbps	7.2Gbps	12.8Gbps
Forwarding Rate	2.7Mpps	8.3Mpps	9.6Mpps
Ports	8 x 10/100Base-T, 1 x Combo GE (100/1000Base-X SFP or 10/100/1000Base-T)	16 x 10/100Base-T, 2 x Combo GE (100/1000Base-X SFP or 10/100/1000Base-T), 2 x 1000Base-X SFP	24 x 10/100Base-T, 2 x Combo GE (100/1000Base-X SFP or 10/100/1000Base- T), 2 x 1000Base-X SFP
Power Consumption	Full-loaded ≤4W (without POE) Idle ≤8W	Full-loaded ≤15W (without POE) Idle ≤10W	Full-loaded ≤37W (without POE) Idle ≤18W
Dimensions (W x D x H mm)	330 × 220 × 44	438 × 420 × 44	438 × 420 × 44
Weight (Full-loaded)	≤2.5kg	≤4.5kg	≤6kg
Power	Input AC : 90~264V, 47~63Hz		
PoE Power supply	150W	400W	400W
POE Features	8/16/24 Base-T Support POE, Use Data Cable Pin 1,2,3,6 to Supply Power, Comply for 802.3at Alternative A. Comply 802.3af Standard and 802.3at Standard, Max power consumption of single port is 32/40W.		
	Provides Full-loaded 8 ports 802.3af (15.4W) or 4 Ports 802.at (26W) to Supply Power	Provides Full-loaded 16 ports 802.3af (15.4W) or 15 ports 802.at (26W) to Supply Power	Provides Full-loaded 24 ports 802.3af (15.4W) or 15 ports 802.at (26W) to Supply Power
Environmental Requirements	Operating Temperature : -15°C~55°C Storage Temperature : -40°C~70°C Relative Humidity : 10%~90%, Non-condensing		



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Product Features

L2 Features	MAC	16K MAC address • Aging time and add/remove static MAC by manual MAC Black Hole • Port MAC Limit Disable MAC address learning on port or channel-group • MAC Filtration
	VLAN	4K VLAN Entries • Port-based and Protocol-based MAC VLAN • Q-in-Q
	Port	Bidirectional bandwidth control, Configure entry/exit and the smallest 64K control particle Storm-control on port, Configure broadcast/multicast/unknown unicast Static and LACP, Configure 30 Groups and 8 Members port each group Port-mirroring of 1:1 or N:1 and Remote Port-mirroring
	Ring	STP/RSTP/MSTP • Remote-loop-detect
Security Features	User's Security	ARP Anti-Flooding, Configure ARP traffic safety threshold and inhibition ARP packet. ARP Anti-Spoofing, Configure ARP inner and outer MAC check and static ARP checklist and drop/flood action • IP Source Guard, Auto-create IP+MAC+port+VLAN Binding Table IEEE 802.1x and AAA/Radius Authentication • IP+MAC+port+VLAN Binding manually Port Isolation, Configure hardware isolation of each port Bind MAC address to port and MAC address filtration on port
	Network Security	User-based ARP Abnormal Traffic Filtration • Auto-shutdown port in storm Update user's location through DHCP Option 82 and PPPoE+ Port-based Broadcast/Multicast/Unknown unicast suppression • L2-L4 ACL Flow Filtration
	Device Security	Anti-DOS Attack • SSHv2 Secure Shell • SNMP v3 Encryption Telnet Based on Security IP • Prevent Unauthorized User
Service Features	ACL	Activate 460 standard and extended ACL at the same time Port/VLAN/Global-based ACL and Time Range-based ACL Strategy CAR and ACL in the Dynamic AAA
	QoS	8 Queues with different priorities on each interface Flow classification based on SMAC,DMAC,VLAN,SIP,DIP,IP Protocol, Port number and CoS Traffic priority definition and packet re-direction
	Multicast	1K L2 Multicast Groups • IGMPv1/v2/v3 Snooping IGMP Filter/Fast leave/Cross-VLAN Duplication • MLDv2/MLDv2 Snooping
Reliability	Loop Protection	EAPS and GERP Loopback-Detection
	Link Protection	FlexLink • RSTP/MSTP • LACP
Maintenance	Network Maintenance	Port Real-time, Utilization and Transmit/Receive statistic based on CLI • LLDP 802.3ah Ethernet OAM • Syslog and RFC 3164 BSD Syslog Protocol • Ping and Traceroute
	Device Management	CLI, Console port, Telnet and WEB management • SNMP v1/v2/v3 • RMON (Remote Monitoring)1,2,3,9 MIB • SNTIP • GN Link II Server • NGBN View Network Management

Order Information

Model Number	Product Description
S2600-09PC-SI/EI	VTung POE SI/EI, 8 x 10/100Base-T, 1 x Combo GE+ (100/1000Base-X SFP or 10/100/1000Base-T), AC 220V
S2600-20PC-SI/EI	VTung POE SI/EI, 16 x 10/100Base-T, 2 x Combo GE+ (100/1000Base-X SFP or 10/100/1000Base-T), 2 x 100/1000Base-X SFP, AC 220V
S2600-28PC-SI/EI	VTung POE SI/EI, 24 x 10/100Base-T, 2 x Combo GE+ (100/1000Base-X SFP or 10/100/1000Base-T), 2 x 100/1000Base-X SFP, AC 220V
PSE-V01	VTung Single Port POE Power Supply Adapter, 2 x 10/100Base-T, AC 220V Input, DC -48V Output

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