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### **Overview**

The S5700-28C-HI is advanced Ethernet switch based on new generation of high-performance hardware and Huawei Versatile Routing Platform (VRP). With 24 GE ports (10/100/1000Base-T), it provides a large switching capacity, high-density GE interfaces for users, besides, it can be equipped with multiple types of card modules and power modules to meet the different demands of users. All these features make the S5700-28C-HI the best choice as an access switch on large and medium-sized campus networks or data centers and aggregation switch on small campus networks. The S5700-28C-HI integrates many advanced technologies in terms of reliability, security, and energy conservation in order to help enterprise customers build a next-generation IT network.

#### **Quick Specification**

#### Table 1 shows the quick specification.

Model	S5700-28C-HI	
Part Number	02353630	
Ports	24 × 10/100/1,000 Base-T ports	
Extended Slots	1 extended slot	
Memory (RAM)	512 MB	
Flash	64 MB	
MAC Address Table Size	32 MAC	
	4 x 1,000 Base-X SFP subcard	
Subcard Supported	2 x 10 GE SFP+ subcard	
	4 x 10 GE SFP+ subcard	
	AC:	
Walter a Description	Rated voltage range: 100V to 240V, 50/60 Hz Maximum voltage range: 90V to 264V, 50/60 Hz	
Voltage Required	DC:	
	Rated voltage range: -48V to -60V, DC Maximum voltage range: -36V to -72V, DC	
Power Device	Do double hot-swappable AC/DC power supplies	
Power Consumption Operational	<76 W	
Forwarding performance	96 Mpps	
Switching capacity	256 Gbit/s	
Dimensions (W x D x H)	442 mm x 220 mm x 43.6 mm	
Package Weight	11.2 kg	
PoE	Not supported	



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# S5700-28C-HI (02353630) Datasheet



Figure 1 shows the appearance of S5700-28C-HI.



### **Product Details**

Figure 2 shows the front panel of S5700-28C-HI.



Note:			
(1)	Power module slot 1	(5)	ETH management port
(2)	Power module slot 2	(6)	USB port
(3)	ESD jack	(7)	Twenty-four 10/100/1000BASE-T ports
(4)	One console port	(8)	Front card slot

\* The front card slot is equipped with the card module, but the card module should be purchased separately.

\* Before installing or maintaining a switch, wear an ESD wrist strap and insert the other end of the ESD wrist strap into this ESD jack.

\* The power module slot 1 has been installed with the DC power module.

\* The power module slot 2 has been installed with the AC power module.



### Datasheet



Figure 3 shows the back panel of S5700-28C-HI.



#### Note:

(1)	Ground screw	(2)	Monitoring port

\* The ground screw is used with a ground cable. The switch has two ground screws, any of which can be used to install a ground table.

\* The monitoring port monitors the cabinet door, power module, battery power, and power supply of the air conditioner.

#### **Recommended Modules**

#### Table 2 shows the recommended modules.

Model	Description		
	Power Module		
W0PSA1701	170W AC Power Module (Used In HI Series)		
ES5M0PSD1700	170W DC power module (Used In HI Series)		
	Optical Transceivers		
<u>OMXD30000</u>	Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)		
<u>OSX010000</u>	Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)		
SFP-10G-USR	SFP-10G-USR 10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)		
eSFP-GE-SX-MM850	eSFP-GE-SX-MM850 Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.5km, LC)		
SFP-GE-LX-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)		
S-SFP-GE-LH40-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 40km, LC)		
<u>S-SFP-GE-LH40-SM1550</u>	S-SFP-GE-LH40-SM1550 Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 40km, LC)		
	Copper Transceivers		
SFP-1000BaseT	1000BASE-T (RJ45) SFP Electrical Module, Auto Negotiate, 100m		
Card			
ES5D00X2SA00	2 10 Gig SFP+ interface card (used in S5700HI series)		
ES5D00X4SA00	4 10 Gig SFP+ interface card (used in S5700HI series)		
ES5D00G4SC00	4 Gig SFP interface card (used in S5700HI series)		



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#### **Compare to Similar Items**

#### Table 3 shows the comparison of Huawei S5700-28C-HI, S5700-28C-HI-AC and S5700-28C-HI-24S.

Models	S5700-28C-HI	S5700-28C-HI-AC	<u>S5700-28C-HI-24S</u>
Fixed Ports	24 x 10/100/1,000 Base-T	24 x 10/100/1,000 Base-T	24 x 100/1,000 Base-X
Extended Slots	1 extended slot	1 extended slot	1 extended slot
Power Supply	Double hot-swappable AC/DC	Double hot-swappable AC/DC	Double hot-swappable AC
Forwarding Performance	96 Mpps	96 Mpps	96 Mpps
Switching Capacity	256 Gbit/s	256 Gbit/s	256 Gbit/s
Power Consumption	<76W	<76W	<80W

#### Get more information

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### Specification

S5700-28C-HI Specification		
	IEEE 802.1d compliance	
	MAC address learning and aging	
	Static, dynamic, and blackhole MAC address entries	
MAC address table	Packet filtering based on source MAC addresses	
	MAC address entries:	
	S5700S-LI series: 8K, S5700-LI/S5700-SI series: 16K, S5700-EI series: 32K, S5720-EI series: 64K, S5700-HI series:	
	S5700-HI: 32K, S5710-HI: 456K, S5720-HI: 128K	
	4K VLANs	
	Guest VLAN and voice VLAN	
	GVRP	
VLAN	MUX VLAN	
	VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and ports	
	1:1 and N:1 VLAN Mapping	
	SuperVLAN (supported by the S5700-SI/S5700-EI/S5700-HI series)	



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	8 9
	RRPP ring topology and RRPP multi-instance
Ring protection	Smart Link tree topology and Smart Link multi-instance, providing the millisecond-level protection switchover
	SEP
	ERPS (G.8032) (supported by the S5700-LI/S5700-SI/S5700-EI/S5700-HI series)
	STP, RSTP, and MSTP
	BPDU protection, root protection, and loop protection
	BPDU Tunnel
	Ethernet OAM (IEEE 802.3ah and 802.1ag)
	ITU-Y.1731
<b>N</b> 11 1 11	DLDP
Reliability	LACP
	E-Trunk (supported by the S5700-SI/S5700-EI/S5700-HI series)
	BFD for OSPF, BFD for IS-IS, BFD for VRRP, and BFD for PIM (supported by the S5700-EI/S5700-HI series)
	MPLS L3VPN
	MPLS L2VPN (VPWS/VPLS)
MPLS features	MPLS-TE
	MPLS QoS
	Notes: supported by S5710-EI, S5700-HI and S5710-HI
	Static routing
IP routing	RIPv1, RIPv2 and RIPng,ECMP (supported by the S5700-SI/S5700-EI/S5700-HI series)
	OSPF, OSPFv3, IS-IS, IS-ISv6, BGP and BGP4+ (supported by the S5700-EI/S5700-HI series)
	Neighbor Discovery (ND)
	Path MTU (PMTU)
ID of fortune	IPv6 ping, IPv6 tracert, and IPv6 Telnet
IPv6 features	ACLs based on the source IPv6 address, destination IPv6 address, Layer 4 ports, or protocol type
	MLD v1/v2 snooping
	6to4 tunnel, ISATAP tunnel, and manually configured tunnel (supported by the S5700-SI/S5700-EI/S5700-HI series)
Multicast	IGMP v1/v2/v3 snooping and IGMP fast leave
	Multicast forwarding in a VLAN and multicast replication between VLANs
	Multicast load balancing among member ports of a trunk
	Controllable multicast
	Port-based multicast traffic statistics
	IGMP v1/v2/v3, PIM-SM, PIM-DM, PIM-SSM, MSDP (supported by the S5700-EI/S5700-HI series)
0-5/401	Rate limiting on packets sent and received by an interface
QoS/ACL	Packet redirection



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## Datasheet



Print Point of Print Point in the Princip and No. In the Net-Color CA8           Fight presess on each port           WRB, DRB, SP, W&RS-RP, and DEBeSP presers scheduling algorithms.           WRB, DRB, SP, W&RS-RP, and DEBeSP presers scheduling algorithms.           WRB, DRB, SP, W&RS-RP, and DEBeSP presers scheduling algorithms.           WRB, DRB, SP, W&RS-RP, and DEBeSP presers scheduling algorithms.           WRB, DRB, SP, W&RS-RP, and DEBeSP presers scheduling algorithms.           WRB, DRB, SP, W&RS-RP, and DEBeSP presers scheduling algorithms.           Rest: Emitting in a larger 2 demight 4, filtering on invoid frames based on the sames MAC address, definition.           Rest: Emitting in out-queue and faultife deliging on ports.           User privileger immigrated and gasewed potection.           DrS: anack definies. ARP attack definies.           Binding of the IP address. MAC address: interface.           MFF           Binding of the IP address. MAC address: interface.           MFF           Binding of the SVI calcines and MAC addresses.           Binding of the SVI calcines and MAC addresses.           Binding of the SVI calcines and MAC addresses.           Binding of the SVI calcines and fault caldresses.           Binding of the SVI calcines and scheme of carrent MAC addresses.           Binding of the SVI calcines and fault calcines.           Binding of the SVI calcines and scheme of carrent scheme of carren		Dart based traffic and ining and two arts (base schere CAD
WRR.DRK.SP. WRK/SF, and DRK-SP queues exbedding algorithms           WRR.DRK.SP. WRK/SF, and DRK-SP queues exbedding algorithms           WRRD.Comported by the SS710ELT and SS700-HD           Re-marking of the SR2.1 priority and DSCP priority           Packer filtering of Layers 2 through 4. filtering out invuidi frames based on the source MAC address, distinution MAC address, source Packers, distinution TP address.TCPUDP port number, protocol type, and VLAN D           Rate limiting in each queue and traffic shaping on ports           User privage management and pace-ond protection           DSS attack defense, ARP attack defense, and VLAN           Binding of the IP address, MAC address, finatriace, and VLAN           Port inclainton, port strutiy, and sticky MAC           Binding of the IP address entries.           Binding of the RMC address entries.           Binding of the IP address entries.           Binding address entries.           Binding address entries.           Binding address entries.           Vertical cides and whitelist.           Access Security         DICP Relay, DICP Server, DICP Server, DICP Serveriy <td></td> <td>Port-based traffic policing and two-rate three-color CAR</td>		Port-based traffic policing and two-rate three-color CAR
WRED (supported by the S2710-EI and S2700-HI)           Re-marking of the 802.1p priority and DSCP priority           Packet filtering at Layers 2 through 4, filtering one invalid frames based on the source MAC address, destination MAC address, consume IP address, destination IP address, TCPUDP port number, protocol type, and VLAN ID           Rate limiting in each queues and traffic daptes, TCPUDP port number, protocol type, and VLAN ID           Rate limiting in each queues and traffic daptes, TCPUDP port number, protocol type, and VLAN ID           DoS strack defonse, ARP anack defense, and VLAN           Port iolation, port scentry, and sticky MAC           MFF           Ruchole MAC address centres           Socurity           Limit on the number of loarned MAC addresses           Socurity           Limit on the number of loarned MAC addresses           Stard defonse, RAP and theritation and limit on the number of loarned MAC addresses           Socurity           Limit on the number of loarned MAC addresses           Stard value           Identification and limit on the number of loarned MAC addresses           Stard value           Identification addresse           Stard value           Identification addresse           Stard value           Identification addresse           Stard value           Identification addresse		
Re-marking of the 802.1p priority and DSCP priority           Packet filtering at Layers 2 though 4, filtering ou invaid frames haved on the source MAC address, dostination IP address, TCP/DP port number, protocol type, and VLAN ID           Rate limiting in each queue and traffic shaping on ports           User privilege numgement and password protection           DoS attack defense, ABP attack defense, and ICMP attack defense           Philosoftam, port accurity, and sidely MAC           MIF           Binding of the IP adhress, MAC addresses           Bindichole MAC address entries           Bindichole MAC address entries           Security           MIF           Bindichole MAC address entries           Security           VER protocol Secure (HTTPS)           CPUI defense           ROUTE Transfer Potocol Secure (HTTPS)           CPUI defense           Nitrail calde test           Port minoring and RSPAN (renote port minoring)           Renote configuration and maintenance using Teher           SNM V1/v2cv1           Renote configuration and maintenance using Teher           System logs and alarms of different levels           Waten NAS           HIGMP           Point minoring and RSPAN (renote port minoring)           Renote configuration and maintenance using Teher		WRR, DRR, SP, WRR+SP, and DRR+SP queue scheduling algorithms
Packet filtering at Layers 2 drongh 4, filtering out invalid finance based on the source MAC address, destination MAC address, source IP address, destination IP address, TCPUDP port number, postcoal type, and VLAN ID           Rate limiting in each queue and raffic shaping on pors           User privilegs management and password protection           DoS attack defense, ARP attack defense, and ICMP attack defense           Initiation, orbit security, and sticky MAC.           MFF           Blackhole MAC address entries           Initiation, port security, and sticky MAC.           MFF           Blackhole MAC address entries           202.1x authentication, RADIUS authentication, HWTACACS authentication, and NAC           SSER v2.0           Internet the number of learned MAC addresses           SSER v2.0           Inschlat and whitelisi           CPU defense           INEARING and whitelisi           Resets Security           DHCP Relay, DHCP Server, DHCP Storoging, DHCP Security           Resets Cardity           Virtual cable test           Noting and RSPAN (centor post maintening as STIO-FILE)           SNMP v1/v2ev5           RAMON           Web NMS           HiCMP           System logs and alarms of different levels           System logs and alarms of different levels		WRED (supported by the S5710-EI and S5700-HI)
address, source IP address, destination IP address, TCP:UDP pot number, protocol type, and VLAN ID           Rate limiting in each gross and traffic shaping on ports           User privileger management and password protection           DoS attack defense, ARP attack defense, and ICMP attack defense           Port isolation, port security, and aticky MAC           MEFF           Blackhole MAC address interface, and VLAN           MEFF           Blackhole MAC address entries           11mit on the number of learned MAC addresses           902.1x authentication and limit on the number of users on an interface           AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC           Still v2.0           Hypertext Transfer Protocol Secure (HTTPS)           CPU defense           Blackhole text           Blackhole text           Nature of and whitelist           Access Security           DHCP Relay. DHCP Server, DHCP Snooping, DHCP Security           Remote configuration and maintenace using Tefret           SNMP v1/v2cv3           Remote configuration and maintenace using Tefret           SNMP v1/v2cv3           RMON           Subar hyber System log and dams of different levels           System log and adams of different levels           System log and adams of different levels		Re-marking of the 802.1p priority and DSCP priority
Rate timiting in each queue and traffic shaping on ports           User privilege management and password protection           DoS attack defense, ARP attack defense, and UCMP stack defense           Binding of the IP address, MAC address, interface, and VLAN           Port isolation, port security, and sticky MAC           MFF           Blackhole MAC address, interface, and VLAN           Port isolation, port security, and sticky MAC           MFF           Blackhole MAC address entries           Limit on the number of learned MAC addressen           802.1x authentication and limit on the number of users on an interface           AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC           SSH V_2.0           Hypertext Transfer Protocol Secure (HTTPS)           CPU defense           Blacklist and whitelist           Access Security         DHCP Relay, DHCP Secure, DHCP Security           Virial cable test           Port minoring and RSPAN (centrot port minoring)           Remote configuration and maintenance using Tellnet           SNMP 11/2cv3           RMON           Web SMS           Web SMS           System logs and alarns of different levels           System logs and alarns of different levels           Systen logs and alarns of different levels		
Image: Security         User privilege management and password protection           DxS stack defense. ARP attack defense, and ICMP attack defense         Binding of the IP address. MAC address, interface, and VLAN           Port isolation, port security, and sicky MAC         MFF           Blackbole MAC address entries         ME           2011         Blackbole MAC address entries           2012         Limit on the number of learned MAC addresses           302.1 x authentication and limit on the number of users on an interface           302.1 x authentication. RADIUS authentication. HWTACACS surbentication, and NAC           SSH v2.0         Hypertext Transfer Protecol Secure (HTTPS)           CPU defense         Blackblat and whitelist           Access Security         DHCP Relay. DHCP Server, DHCP Snooping, DHCP Security           Virtual cable test         Port minroring and RSPAN (remote port mirroring)           Remote configuration and maintenance using Tellet         SNMP v1/v2/v3           RMON         Web NNS           HGMP         System logs and alarms of different levels.           302.1 ag (supported by the S5710-EL S700-H1 and S5710-H1 and S5710-H1           Dying gasp (supported by the S700 (S)-L1 S5700-H1 and S5710-H1 and S5710-H1		
Access Security         DisC attack defense, ARP attack defense, and ICMP attack defense           Binding of the IP address, MAC address, interface, and VLAN         Port isolation, port security, and sticky MAC           MFF         Blackhole MAC address entries           Blackhole MAC address entries         Blackhole MAC addresses           802.1 k authentication and limit on the number of users on an interface         AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC           SSH v2.0         Hypertext Transfer Protocol Secure (HTTPS)           CPU defense         Blackhole best           JBlackList and whitelist         Port initroring and RSPAN (remote port mirroring)           Remote configuration and maintenance using Telnet         SNMP v1/v2/v3           Remote configuration and maintenance using Telnet         SNMP v1/v2/v3           RMON         Web NMS           HGMP         System logs and alarms of different levels           System logs and alarms of different levels         System logs and alarms of different levels           Nestream (supported by the SS710-EL SS710-HI and SS710-HI)         System logs and spress of the ST10-EL SS700-HI and SS710-HI and SS71		
Binding of the IP address, MAC address, interface, and VLAN           Port isolation, port security, and sticky MAC           MFF           Blackhole MAC address entries           Blackhole MAC address entries           Limit on the number of learned MAC addresses           602.1.1 authentication and limit on the number of users on an interface           AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC           SSII v2.0           Hypertext Transfer Protocol Secure (HTTPS)           CPU defense           Blackhist and whitelist           Access Security           DHCP Relay, DHCP Server, DHCP Security           Virtual cable test           Port mirroring and RSPAN (reenore port mirroring)           Remore configuration and maintenance using Telnet           SNMP v1/v2e/v3           RMON           Web NMS           HGMP           System logs and alarms of different levels           No2.3az EEE (supported by the S5700 (S) L1 (sx700 H1 and S5710 H1)           Dying gaap (supported by the S5700 (S) L1 (sx700 H1 and S5710 H1)           System (supported by the S5700 (S) L1 (sxcept battery LAN switches)           NetStream (supported by the S5700 (S) L1 (sxcept battery LAN switches)           NetStream (supported by the S5700 (S) L1 (sxr00 H1 and S5710 H1)           System logs		
Port isolation, port security, and sticky MAC           MF           Blackhole MAC address entries           Limit on the number of learned MAC addresses           802. Is authentication and limit on the number of users on an interface           AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC           SSH v2.0           Hypertex Transfer Proncol Secure (HTTPS)           CPU defense           Blacktist and whitelist           Access Security           DHCP Relay, DHCP Server, DHCP Security           Virtual cable test           Port mirroring and RSPAN (remote port mirroring)           Remote configuration and maintenance using Telnet           SNMP v1/v2v/3           RMON           Web NMS           HGMP           System logs and alarms of different levels           M02.3az EEE (supported by the S5700 (S)-LI (SS700-HI and S5710-HI)           Dying gaap (supported by the S5700 (S)-LI (SS700-HI and S5710-HI)           System logs and alarms of different levels           Mostream (supported by the S5700 (S)-LI (SS700-HI and S5710-HI)           Dying gaap (supported by the S5700 (S)-LI (SS700-HI and S5710-HI)           System logs and alarms of different levels           Mostream (supported by the S5700 (S)-LI (SS700-HI and S5710-HI)           Dying gaap (supported by the S57		
Security         MFF           Blackhole MAC address entries         Blackhole MAC addresses           Security         Limit on the number of learned MAC addresses           802.1x authentication and limit on the number of users on an interface         AAA authentication, RADUS authentication, HWTACACS authentication, and NAC           SSH v2.0         Hypertext Transfer Protocol Secure (HTTPS)           CPU defense         Blacklist and whitelist           Access Security         DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security           Remote configuration and maintenance using Telnet         SNMP v1/v2/v3           Remote configuration and maintenance using Telnet         SNMP v1/v2/v3           Web NMS         HCMP           Web NMS         Stylen logs and alarms of different levels           802.3az EEE (supported by the S5700 (k):L1, S5710-EII, S5700-HI and S5710-HI)         Stylen logs and alarms of different levels           Web System logs and alarms of different levels         Stylen logs and alarms of different levels           802.3az EEE (supported by the S5710-EI, S5700-HI and S5710-HI)         Stylen logs and alarms of different levels           8Flow (supported by the S5710-EI, S5700-HI and S5710-HI)         Stylen logs and alarms of different levels           8Flow (supported by the S5710-EI, S5700-HI and S5710-HI)         Stylen logs and larms of different levels		Binding of the IP address, MAC address, interface, and VLAN
Security         Blackhole MAC address entries           Security         Limit on the number of learned MAC addresses           802.1x authentication and limit on the number of users on an interface         802.1x authentication, RADIUS authentication, HWTACACS authentication, and NAC           SSH v2.0         SSH v2.0           Hypertext Transfer Protocol Secure (HTTPS)         CPU defense           Blacklist and whitelist         Blacklist and whitelist           Access Security         DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security           Remote configuration and maintenance using Telnet         SNMP v1/v2/v3           Remote configuration and maintenance using Telnet         SNMP v1/v2/v3           Web NMS         HGMP           Vieb NMS         Blacklis stropted by the S5700-K11 stropted ST10-K1, S5700-H1 and S5710-H1           Management and maintenance         SS102.3ze EEE (supported by the S5710-K1, S5710-K11, S5		Port isolation, port security, and sticky MAC
Security         Limit on the number of learned MAC addresses           602.1x authentication and limit on the number of users on an interface           AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC           SSH v2.0           Hypertext Transfer Protocol Secure (HTTPS)           CPU defense           Blacklist and whitelist           Access Security           DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security           Remote configuration and maintenance using Telnet           SNMP v1/v2/v3           Remote configuration and maintenance using Telnet           SNMP v1/v2/v3           RKMON           Web NMS           HGMP           System logs and alarms of different levels           System logs and alarms of different levels           Dying gasp (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)           Dying gasp (supported by the S5700 (S)-LI, S5710-HI and S5710-HI)           Siftwam (supported by the S5700 (S)-LI, S5710-HI series)		MFF
<ul> <li>Normal State Stat</li></ul>		Blackhole MAC address entries
AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC           SSH v2.0           Hypertext Transfer Protocol Secure (HTTPS)           CPU defense           Blacklist and whitelist           Access Security           DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security           Virtual cable test           Port mirroring and RSPAN (remote port mirroring)           Remote configuration and maintenance using Telnet           SNMP v1/v2e/v3           RMON           Web NMS           HGMP           System logs and alarms of different levels           802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)           Dying gasey (supported by the S5710 (S)-LI, S5710-HI and S5710-HI)           Arbor           NetStream (supported by the S5710 (S)-LI, S5710-HI and S5710-HI)           AFlow (supported by the S5710-EI, S5700-HI arcies)           Supports VBST (Compatible with PVST/PVST+/RPVST)	Security	Limit on the number of learned MAC addresses
SSH v2.0           Hypertext Transfer Protocol Secure (HTTPS)           CPU defense           Blacklist and whitelist           Access Security         DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security           Virtual cable test         Port mirroring and RSPAN (remote port mirroring)           Remote configuration and maintenance using Telnet         SNMP v1/v2c/v3           RMON         Web NMS           HGMP         System logs and alarms of different levels           System logs and alarms of different levels         802.3az EEE (supported by the S5700 (S)-LL S5710-EI, S5700-HI and S5710-HI)           Dying gap (supported by the S5700 (S)-LL S5700-HI and S5710-HI)         System logs and alarms of different levels           Steram (supported by the S5700 (S)-LL S5700-HI and S5710-HI)         System logs and protect by the S5700 (S)-LL S5700-HI and S5710-HI)           Steram (supported by the S5700 (S)-LL S5700-HI and S5710-HI)         System logs apported by the S5700 (S)-LL S5700-HI series)		802.1x authentication and limit on the number of users on an interface
Hypertext Transfer Protocol Secure (HTTPS) <ul> <li>CPU defense</li> <li>CPU defense</li> <li>Blacklist and whitelist</li> </ul> Access Security DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security Virtual cable test Port mirroring and RSPAN (remote port mirroring) Remote configuration and maintenance using Telnet SNMP v1/v2c/v3 RMON Web NMS HGMP System logs and alarms of different levels 802.3az EEE (supported by the S5710-EI, S5710-EI, S5710-HI and S5710-HI) Dying gasp (supported by the S5710-EI, S5710-HI and S5710-HI) sFlow (supported by the S5710-EI, S5700-HI series) Supports VBST (Compatible with PVST/PVST+/RPVST)		AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC
CPU defense           Blacklist and whitelist           Access Security         DHCP Relay, DHCP Server, DHCP Scooping, DHCP Security           Virtual cable test         Port mirroring and RSPAN (remote port mirroring)           Remote configuration and maintenance using Telnet         SNMP v1/v2c/v3           RMON         Web NMS           HGMP         System logs and alarms of different levels           802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5710-EI, S5700-HI and S5710-HI)           SFlow (supported by the S5710 (S)-LUS570-HI and S5710-HI)         SFlow (supported by the S5700 (S)-LI/S570-HI and S5710-HI)		SSH v2.0
Blacklist and whitelist           Access Security         DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security           Virtual cable test         Port mirroring and RSPAN (remote port mirroring)           Remote configuration and maintenance using Telnet         SNMP v1/v2c/v3           RMON         Web NMS           HGMP         System logs and alarms of different levels           802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5710-EI, S5700-HI and S5710-HI)           Dying gasp (supported by the S5710-EI, S5700-HI and S5710-HI)         Sflow (supported by the S5700 (S)-LI, S5710-HI and S5710-HI)           Selow (supported by the S5700 (S)-LI, S5710-HI and S5710-HI)         System (supported by the S5700-HI and S5710-HI)           Selow (supported by the S5710-EI, S5700-HI and S5710-HI)         System S10-HI and S5710-HI and S5710-HI)		Hypertext Transfer Protocol Secure (HTTPS)
Access Security       DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security         Virtual cable test       Port mirroring and RSPAN (remote port mirroring)         Remote configuration and maintenance using Telnet       SNMP v1/v2c/v3         RMON       Web NMS         HGMP       System logs and alarms of different levels         802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)       Dying gasp (supported by the S5710-EI, S5700-HI and S5710-HI)         SPIow (supported by the S5710 (S)-LI/S5710-EI, S5700-HI and S5710-HI)       SFIow (supported by the S5700 (S)-LI/S5710-HI series)         Supports VBST (Compatible with PVST/PVST)       Supports VBST (Compatible with PVST/PVST)		CPU defense
Management and maintenance Wirtual cable test Port mirroring and RSPAN (remote port mirroring) Remote configuration and maintenance using Telnet SNMP v1/v2c/v3 RMON Web NMS HGMP System logs and alarms of different levels 802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI) Dying gasp (supported by the S5700 (S)-LI, S5710-HI and S5710-HI) NetStream (supported by the S5710-EI, S5700-HI and S5710-HI) SFlow (supported by the S5700 (S)-LI/S5700-HI and S5710-HI) SFlow (supported by the S5700 (S)-LI/S5700-HI and S5710-HI) Supports VBST (Compatible with PVST/PVST)		Blacklist and whitelist
Port mirroring and RSPAN (remote port mirroring)         Remote configuration and maintenance using Telnet         SNMP v1/v2c/v3         RMON         Web NMS         HGMP         System logs and alarms of different levels         802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5700 (S)-LI, S5710-HI and S5710-HI)         SFlow (supported by the S5700 (S)-LI/S5700-HI series)         Supports VBST (Compatible with PVST/PVST)	Access Security	DHCP Relay, DHCP Server, DHCP Snooping, DHCP Security
Remote configuration and maintenance using Telnet         SNMP v1/v2c/v3         RMON         Web NMS         HGMP         System logs and alarms of different levels         802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5700 (S)-LI (except battery LAN switches)         NetStream (supported by the S5700 (S)-LI/S5700-HI and S5710-HI)         sFlow (supported by the S5700 (S)-LI/S5700-HI series)         Supports VBST (Compatible with PVST/PVST+/RPVST)		Virtual cable test
Remote configuration and maintenance using Telnet         SNMP v1/v2c/v3         RMON         Web NMS         HGMP         System logs and alarms of different levels         802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5700 (S)-LI (except battery LAN switches)         NetStream (supported by the S5700 (S)-LI/S5700-HI and S5710-HI)         sFlow (supported by the S5700 (S)-LI/S5700-HI series)         Supports VBST (Compatible with PVST/PVST+/RPVST)		Port mirroring and RSPAN (remote port mirroring)
Management and maintenance          SNMP v1/v2c/v3         RMON         Web NMS         HGMP         System logs and alarms of different levels         802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5700 (S)-LI, S5710-HI and S5710-HI)         NetStream (supported by the S5700 (S)-LI/S5700-HI and S5710-HI)         sFlow (supported by the S5700 (S)-LI/S5700-HI series)         Supports VBST (Compatible with PVST/PVST+/RPVST)		
Management and maintenance       RMON         Web NMS       HGMP         System logs and alarms of different levels       802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5700-HI, S5710-HI and S5700 (S)-LI (except battery LAN switches)       NetStream (supported by the S5710-EI, S5700-HI and S5710-HI)         SFlow (supported by the S5700 (S)-LI/S5700-EI/S5700-HI series)       Supports VBST (Compatible with PVST/PVST+/RPVST)		
Management and maintenance       Web NMS         HGMP       System logs and alarms of different levels         802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5700-HI, S5710-HI and S5700 (S)-LI (except battery LAN switches)         NetStream (supported by the S5700 (S)-LI/S5700-HI and S5710-HI)         sFlow (supported by the S5700 (S)-LI/S5700-HI series)         Supports VBST (Compatible with PVST/PVST+/RPVST)		
Management and maintenance       HGMP         System logs and alarms of different levels       802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5700-HI, S5710-HI and S5700 (S)-LI (except battery LAN switches)       NetStream (supported by the S5710-EI, S5700-HI and S5710-HI)         sFlow (supported by the S5700 (S)-LI/S5700-EI/S5700-HI series)       Supports VBST (Compatible with PVST/PVST+/RPVST)		
System logs and alarms of different levels         802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5700-HI, S5710-HI and S5700 (S)-LI (except battery LAN switches)         NetStream (supported by the S5710-EI, S5700-HI and S5710-HI)         sFlow (supported by the S5700 (S)-LI/S5700-EI/S5700-HI series)         Supports VBST (Compatible with PVST/PVST+/RPVST)	Management and maintenance	
802.3az EEE (supported by the S5700 (S)-LI, S5710-EI, S5700-HI and S5710-HI)         Dying gasp (supported by the S5700-HI, S5710-HI and S5700 (S)-LI (except battery LAN switches)         NetStream (supported by the S5710-EI, S5700-HI and S5710-HI)         sFlow (supported by the S5700 (S)-LI/S5700-HI series)         Supports VBST (Compatible with PVST/PVST+/RPVST)		
Dying gasp (supported by the S5700-HI, S5710-HI and S5700 (S)-LI (except battery LAN switches)         NetStream (supported by the S5710-EI, S5700-HI and S5710-HI)         sFlow (supported by the S5700 (S)-LI/S5700-EI/S5700-HI series)         Supports VBST (Compatible with PVST/PVST+/RPVST)		
NetStream (supported by the S5710-EI, S5700-HI and S5710-HI)       sFlow (supported by the S5700 (S)-LI/S5700-EI/S5700-HI series)       Supports VBST (Compatible with PVST/PVST+/RPVST)		
sFlow (supported by the S5700 (S)-LI/S5700-EI/S5700-HI series) Supports VBST (Compatible with PVST/PVST+/RPVST)		Dying gasp (supported by the S5700-HI, S5710-HI and S5700 (S)-LI (except battery LAN switches)
Supports VBST (Compatible with PVST/PVST+/RPVST)		NetStream (supported by the S5710-EI, S5700-HI and S5710-HI)
		sFlow (supported by the S5700 (S)-LI/S5700-EI/S5700-HI series)
	Interoperability	Supports VBST (Compatible with PVST/PVST+/RPVST)
Supports LNP (Similar to DTP)	incroperaoliity	Supports LNP (Similar to DTP)



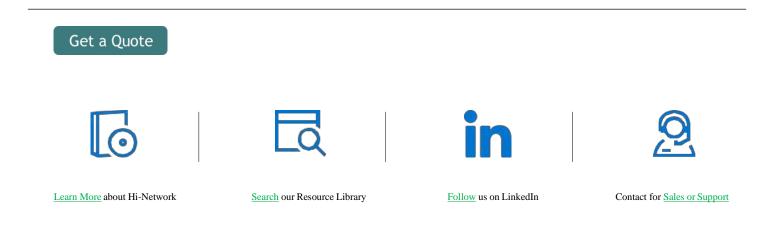
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### Datasheet



	Supports VCMP (Similar to VTP)
Or anting anningment	Operating temperature: 0°C–50°C
Operating environment	Relative humidity: 10%–90% (non-condensing)
	AC:
	Rated voltage range: 100 V to 240 V AC, 50/60 Hz
	Maximum voltage range: 90 V to 264 V AC, 47/63 Hz
Input voltage	DC:
	Rated voltage range: -48 V to -60 V, DC
	Maximum voltage range: -36 V to -72 V DC
	Note: PoE-support switches do not use DC power supplies.

### Want to Buy



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