

## Datasheet

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### Overview

Huawei S3700-28TP-EI-24S-AC is next-generation Layer 3 Ethernet switch that supports IP multicasting and complex routing protocols. It delivers 24 FE SFP, 2 Gig SFP and 2 dual-purpose 10/100/1000 or SFP.

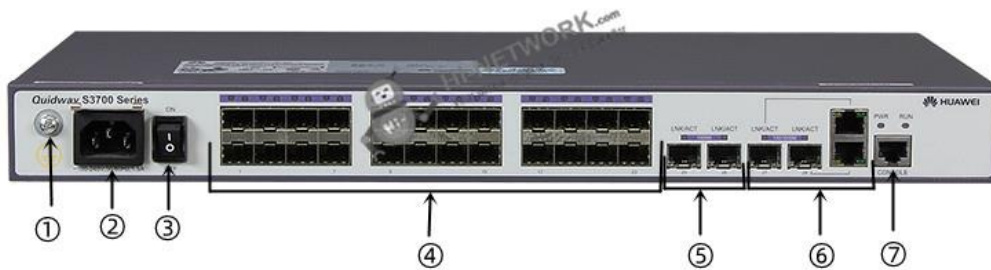
### Quick Specification

Model	S3700-28TP-EI-24S-AC
Part Number	02352351
Downlink Ports	24 x 100 Base-FX SFP ports
Uplink Ports	2 x 1000BASE-X 2 x Combo (10/100/1000BASE-T or 100/1000BASE-X)
Forwarding Performance	9.6 Mpps
Switching Capacity	64 Gbit/s
Stacking	Supported
Dimensions (W x D x H)	44.2 cm x 22 cm x 4.36 cm

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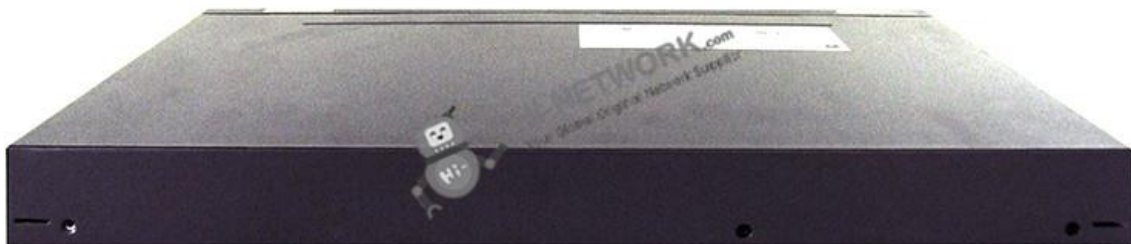
### Product Details:

#### The Front Panel:



①	Ground Screw
②	AC Power Socket
③	Power Switch
④	24 x 100BASE-X
⑤	2 x 1000BASE-X Ethernet optical interfaces
⑥	2 x Gigabit Combo Ports
⑦	One Console Port

#### The Back Panel:



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### The Accessories for S3700-28TP-EI-24S-AC

#### Recommended Optical Transceivers:

Models	Description
FE-SFP Optical Transceiver	
<a href="#">SFP-FE-SX-MM1310</a>	Optical Transceiver,SFP,100M/155M,Multi-mode Module(1310nm,2km,LC)
<a href="#">eSFP-FE-LX-SM1310</a>	Optical Transceiver,eSFP,100M/155M,Single-mode Module(1310nm,15km,LC)
<a href="#">S-SFP-FE-LH40-SM1310</a>	Optical Transceiver, eSFP, FE, Single-mode Module(1310nm,40km,LC)
GE-SFP Optical Transceiver	
<a href="#">SFP-1000BaseT</a>	Electrical Transceiver, SFP, GE, Electrical Interface Module(100m,RJ45)
<a href="#">eSFP-GE-SX-MM850</a>	Optical Transceiver, eSFP, GE, Multi-mode Module(850nm,0.55km,LC)
<a href="#">SFP-GE-LX-SM1310</a>	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)
<a href="#">S-SFP-GE-LH40-SM1550</a>	Optical Transceiver, eSFP, GE, Single-mode Module(1550nm,40km,LC)

#### Compare to Similar Items

Models	<a href="#">S3700-52P-EI-24S-AC</a>	<a href="#">S3700-28TP-EI-24S-AC</a>
Downlink Ports	24 x 10/100 Base-TX ports 24 x 100 Base-FX SFP ports	24 x 100 Base-FX SFP ports
Uplink Ports	2 x 100/1,000 Base-X SFP ports, and 2 x 1,000 Base-X SFP ports	2 x 1,000 Base-X SFP ports, and 2 x gigabit combo ports (10/100/1,000 Base-T or 100/1,000 Base-X)
Power Supply	AC Power Supply	AC Power Supply

Get more information:

Do you have any question about the S3700-28TP-EI-24S-AC 02352351?

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)

#### Specific Data Sheet:

Part Number	S3700-28TP-EI-24S-AC
Model	02352351
Ports description	24*10/100Base-TX

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	2*1000Base-X, 2*GE Combo
MAC address table	<p>IEEE 802.1d compliance</p> <p>16K MAC address entries</p> <p>MAC address learning and aging</p> <p>Static, dynamic, and blackhole MAC address entries</p> <p>Packet filtering based on source MAC addresses</p>
VLAN	<p>4K VLANs</p> <p>Guest VLANs, voice VLAN, and super VLAN</p> <p>MUX VLAN and GVRP</p> <p>VLAN assignment based on MAC addresses, protocols, and IP subnets</p> <p>QinQ</p> <p>Selective QinQ</p> <p>1:1 VLAN mapping</p> <p>N:1 VLAN mapping</p>
Reliability	<p>RRPP (ring topology, intersecting rings, and multi-instance), implementing protection switchover within 50 ms</p> <p>Smart Link tree topology and Smart Link multi-instance, providing the millisecond-level protection switchover</p> <p>STP(IEEE 802.1d), RSTP(IEEE 802.1w), and MSTP(IEEE 802.1s)</p> <p>BPDU protection, root protection, and loop protection</p> <p>Smart Ethernet Protection (SEP)</p>
	BFD for OSPF, BFD for IS-IS, BFD for VRRP, and BFD for PIM
IP routing	Static routing, RIPv1, RIPv2, and ECMP
	OSPF, IS-IS, and BGP
IPv6 features	<p>Neighbor Discovery (ND)</p> <p>Path MTU (PMTU)</p> <p>IPv6 ping, IPv6 tracert, and IPv6 Telnet</p> <p>Manually configured tunnel</p> <p>6to4 tunnel</p> <p>ISATAP tunnel</p> <p>ACLs based on the source IPv6 address, destination IPv6 address, Layer 4 ports, or protocol type</p> <p>MLD v1/v2 snooping</p>
Multicast	<p>1 K multicast groups</p> <p>IGMP v1/v2/v3 snooping and IGMP fast leave</p> <p>Multicast VLAN and multicast replication between VLANs</p> <p>Multicast load balancing among member ports of a trunk</p> <p>Controllable multicast</p> <p>Port-based multicast traffic statistics</p>
	IGMP v1/v2/v3, PIM-SM, PIM-DM and PIM-SSM
QoS/ACL	<p>Rate limiting on packets sent and received by an interface</p> <p>Packet redirection</p> <p>Port-based traffic policing and two-rate three-color CAR</p> <p>Eight queues on each port</p> <p>WRR, DRR, SP, WRR+SP, and DRR+SP queue scheduling algorithms</p> <p>Re-marking of the 802.1p priority and DSCP priority</p>

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	<p>Packet filtering on Layers 2 through 4, filtering out invalid frames based on the source MAC address, destination MAC address, source IP address, destination IP address, port number, protocol type, and VLAN ID</p> <p>Rate limiting in each queue and traffic shaping on ports</p>
Security	<p>User privilege management and password protection</p> <p>DoS attack defense, ARP attack defense, and ICMP attack defense</p> <p>Binding of the IP address, MAC address, interface, and VLAN</p> <p>Port isolation, port security, and sticky MAC</p> <p>Blackhole MAC address entries</p> <p>Limit on the number of learned MAC addresses</p> <p>802.1x authentication and limit on the number of users on an interface</p> <p>AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC</p> <p>SSH v2.0</p> <p>CPU defense</p> <p>Blacklist and whitelist</p>
Surge protection	6KV surge protection capability on service ports (1KV on service ports on PoE devices)
Management and maintenance	<p>iStack</p> <p>MAC Forced Forwarding (MFF)</p> <p>Remote configuration and maintenance using Telnet</p> <p>Auto-Config</p> <p>Virtual cable test</p> <p>Ethernet OAM (IEEE 802.3ah and 802.1ag)</p> <p>Dying gasp power-off alarm (S3700-28TP-EI-24S-AC)</p> <p>SNMP v1/v2c/v3 and RMON</p> <p>Web NMS</p>
Operating environment	<p>Operating temperature: 0°C–50°C(long term);</p> <p>Relative humidity: 10%–90% (non-condensing)</p>
Power supply	<p>AC:</p> <p>Rated voltage range: 100V to 240V AC; 50/60 Hz</p> <p>Maximum voltage range: 90V to 264V AC; 50/60 Hz</p>
Dimensions (W x D x H)	442 mm x 220 mm x 43.6 mm
Weight	S3700-28TP-EI-24S<2.6Kg
Power consumption	S3700-28TP-EI-24S<52W

## Want to Buy

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S3700-28TP-EI-24S-AC (02352351)



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