

Product Overview.

ATS-4500 v2 is a full GE L2 Web Smart switch with cost effective and wire-speed switching capacity, which can be good choice for GE to desk solution and GE access demand.

- 24 GE access link
- 4 GB Combo uplink
- Affordable price
- Easy to deploy



Item	ATS-4500 -26T	ATS-4500 -26T-POE	ATS-4500 -50T
Ports	26x10/100/1000 Base-T Include 4 Gigabits SFP (Combo)	26x10/100/1000 Base-T Include 4 Gigabits SFP(Combo)	46x10/100/1000 Base-T Include 4 Gigabits SFP (Combo)
Performance			
Switching Capacity	52Gbps	52Gbps	52Gbps
Forwarding Rate	39Mpps	39Mpps	75Mpps
MAC ADDRESS	8k	8k	8k
ACL TABLE	512	512	512
Queues per port	8	8	8
VLAN TABLE	4k	4k	4k

ANDA Telecom Pvt. Ltd.

ISO 9001:2000 Certified Company

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Specification.

Main Features	
Forwarding	<ul style="list-style-type: none"> ■ Storage and forwarding
Port Support	<ul style="list-style-type: none"> ■ IEEE802.3(10Base-T) ■ IEEE802.3u(100Base-TX) ■ IEEE802.3z (1000BASE-X) ■ IEEE802.3ab (1000Base-T) ■ Loopback interface ■ 9k Jumbo Frame ■ Port loop detect ■ Protect Port ■ Support Smart link (Monitor link or Flexible link)
LLDP	<ul style="list-style-type: none"> ■ Support LLDP and LLDP-MED
Spanning Tree	<ul style="list-style-type: none"> ■ 802.1D STP ■ 802.1W RSTP ■ 802.1S MSTP with 48 instance ■ Root Guard ■ Bpdu Guard ■ Bpdu forwarding
Multicast	<ul style="list-style-type: none"> ■ IGMP V1/V2/V3 Snooping ■ MLD v1/v2 snooping ■ MVR(multicast vlan register) ■ multicast receive control ■ Illegal multicast source detect

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<p>QoS</p>	<ul style="list-style-type: none"> ■ 8 hardware queues per port ■ support 802.1p, ToS, application ports number, ■ support IPv4 and Ipv6 DSCP ■ support WRR/SP, ■ support flow shaping
<p>VLAN Type</p>	<ul style="list-style-type: none"> ■ Port based Vlan ■ 802.1Q based Vlan and support upto 4K vlan id ■ Private VLAN ■ IP subnet Vlan upto 256 ■ Protocol based Vlan upto 16 ■ MAC based Vlan upto 500 ■ Support Voice vlan ■ Support QinQ, selective QinQ ■ Support GVRP
<p>ACL</p>	<ul style="list-style-type: none"> ■ Support standard and extension ACL ■ Support MAC based ACL ■ Support MAC-IP based ACL ■ Support Time based ACL ■ ACL on VLAN interface ■ Flow redirect based on ACL
<p>enhanced security features</p>	<ul style="list-style-type: none"> ■ Monitor pingSweep, and anti illegal multicast, controlled traffic
<p>Bandwidth Management</p>	<ul style="list-style-type: none"> ■ Ip source guard support under controlled L3 forwarding block ■ 64Kbps
<p>MAC Operation</p>	<ul style="list-style-type: none"> ■ Support MAC binding ■ Support MAC filter ■ Support black hole MAC ■ Support MAC limit

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ARP Operation	<ul style="list-style-type: none"> ■ Support ARP binding ■ Support ARP limit ■ Support ARP guard ■ Support Anti ARP scanning
Flow control	<ul style="list-style-type: none"> ■ Support HOL preventing first packet jam, semi-duplex backpressure, duplex IEEE802.3x
DHCP	<ul style="list-style-type: none"> ■ DHCP server, client, snooping, option82, relay
DHCP V6	<ul style="list-style-type: none"> ■ Support DHCP server ,relay, snooping for IPv6
Port Trunking	<ul style="list-style-type: none"> ■ Support LACP 802.3ad, max 32 group trunk with max 8 ports for each trunk, ■ Support load balance
IEEE802.1x	<ul style="list-style-type: none"> ■ base Port, MAC, authentication ■ Support account based on time length and traffic ■ Support guest vlan and auto vlan ■ Work with private client can manage P2P traffic
MAB	<ul style="list-style-type: none"> ■ MAC Based AAA
AAA	<ul style="list-style-type: none"> ■ RADIUS for Ipv4 and Ipv6 ■ TACACS+ for Ipv4
Broadcast storm control	<ul style="list-style-type: none"> ■ Supports control and can set rate for broadcast
Stack and cluster	<ul style="list-style-type: none"> ■ Support max 24 unites cluster with single IP through GE port
sFlow	<ul style="list-style-type: none"> ■ Support
DNS	<ul style="list-style-type: none"> ■ Support DNS c
Troubleshooting	<ul style="list-style-type: none"> ■ Ping, Trace route command for Ipv4 and Ipv6 ■ Port mirror support one to one and any to one mirror
Management	
Management	<ul style="list-style-type: none"> ■ CLI, WEB, Telnet, SNMPv1/v2c/v3 through IPv4 and IPv6 ■ RMON 1,2,3,9
Console	<ul style="list-style-type: none"> ■ RJ-45
Syslog	<ul style="list-style-type: none"> ■ Supports IPv4 and IPv6 syslog and trap
classify config management	<ul style="list-style-type: none"> ■ Supports
SSH/SSL	<ul style="list-style-type: none"> ■ Supports
MIB interface	<ul style="list-style-type: none"> ■ Supports
Unified management	<ul style="list-style-type: none"> ■ Support NMS software management
Security IP security management	<ul style="list-style-type: none"> ■ Supports IPv4 and IPv6
Cluster	<ul style="list-style-type: none"> ■ Support MAX 24 unites cluster
SNTP/NTP	<ul style="list-style-type: none"> ■ Supports

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BOOTP	■ Supports		
FTP/TFTP	■ supports IPv4 and IPv6		
Physical	ATS-4500 -26T	ATS-4500 -26T-POE	ATS-4500 -50T
Dimension (W×H×D)	440 x 415 x 44 mm	440 x 415 x 44 mm	440 x 415 x 44 mm
Power Supply	AC: 100 V~240 V	Input AC: 100 V~240 V;	AC: 100 V~240 V
Power Consumption	≤60W	≤500W	≤90W
MTBF	>80,000 hours		
Temperature	Working 0°C~50°C, storage -40°C~70°C		
Relative Humidity	5%~95%, non-condensing		
EMC safety	FCC, CE, RoHS,		

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