

Product Description:

Smart Ethernet switch filled in a gap between non-WEB management switch and full web management switch, it not only with many functions of L2 full WEB management switch that can manage and monitor the network, but also, its price and management are not as expensive and complex as full WEB



management switch, it is an ideal choice for those growing enterprises to built cost-effective and high-efficiency network.

ATS 2526+2Fis L2 line speed smart ethernet switch self-developed by ANDA Telecom. The switch provides 24 10/100M auto-negotiation ethernet port, 2 gigabit uplink RJ45/SFP (mini GBIC) multiplex ports, increase bandwidth and reduce access latency for the client connection and meet the needed of high load. ATS2526+2F support for WEB management, port bandwidth control, port mirroring, port trunk, VLAN classification, QoS control strategy, security settings and other functions. It provides a low-cost, highly reliable solution for internet bars, hotels, intelligent communities, small and medium enterprises to achieve network intelligent and secure.

Excellent Performance

All ports are support non-blocking, full wire-speed forwarding, to provide you with powerful data

Processing capabilities;

32Kbps fine granularity port bandwidth control, according to different users with different business needs, precise control of each port to send and receive rate, to help you allocate reasonably the bandwidth resources and improve bandwidth utilization.

Broadcast storm control function can control the received broadcast and multicast packet traffic effectively, to avoid network congestion and protect your network running normally.

Stable and Reliable

Trunk function can put multiple ports together and form a group and create a high bandwidth link. It not only can meet the high bandwidth requirements, but also can achieve link redundancy, and improve the network reliability.

Multicast applications

IGMP Snooping function can manage and control the multicast group, so that the multicast data can be only transmitted to the recipient in need, save bandwidth, enhanced security of multicast information, and meet the demands of multicast applications, such as video conferencing, video on demand.

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Extensible and Flexible

2 gigabit uplink RJ45/SFP (mini GBIC) multiplex ports, can easily access your network gigabit to the backbone network and provides a variety of interface types so that you can choose the interface type as needed. Gigabit RJ45 ports, directly use of existing copper lines as transmission medium, it can save the high cost of adding optical media; SFP (mini GBIC) ports, through the short, medium and long transmission distance of optical fiber, then meet your needs of transmission distance. When choose the SFP port and corresponding multiplex port at the same time, SFP port will be high priority.

Security

The broadcast and multicast traffic within the same VLAN will not be forwarded to other VLAN groups, so, the division of VLAN can contribute to controlling traffic, simplifying network management and improving security. S2526F support port based VLAN and 802.1Q VLAN, can limit the broadcast domain, improve the information security and bandwidth utilization, and enhance the capacity of multi-service applications. Meanwhile, the product also support many-to-one setting, can help you divide VLAN that multi-port to a destination port faster and easier. ATS2526+2F also with security setting function, support MAC address binding, TCP-UDP port filtering, can effectively control the legality of Internet access and protect your network security.

QoS Control Strategy

ATS2526+2F with a wealth of QoS control strategies, support port number priority mode of port-based, 802.1p, IP TOS / DS, and TCP / UDP, each port with 4 priority queues, coordinate strict priority(SP) or a weighted round robin (WRR) queue scheduling algorithm, provide an ideal solution for those demanding new business to bandwidth, delay and jitter, such as telephone conferencing, video-on-demand.

Easy to Management

Support port mirroring function, you can monitor network packets access and sent. To the internet bar users, it can easily submit data to the public security department for review. To the business users, it can control the internal data well, also helps to find the fault point quickly and accurately when the network crashes. ATS2526+2F with pure English WEB management interface, to provide you with an intuitive and secure management platform, and convenient for system upgrade and maintenance; At the same time, support the import and export of configuration files, to make your management process become easier and efficient.

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Product Features:

- ❖ Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE802.1Q, IEEE 802.1p standard
- ❖ 24 10/100M auto-negotiation RJ45 ports, 2 Gigabit uplink RJ45/SFP (mini GBIC) port multiplexing
- ❖ Using storage – forward switch mode
- ❖ Support for MAC address self-learning
- ❖ Support port bandwidth control, broadcast storm control, port aggregation
- ❖ Support IGMP (V1, V2) Snooping (Multicast Application)
- ❖ Support Port based VLAN, 802.1Q VLAN, and many-to-one settings
- ❖ Support for VLAN across functions
- ❖ Support for port number priority QoS of port-based, 802.1p, IP TOS / DS, and TCP / UDP
- ❖ Support for MAC address binding, TCP-UDP port filtering security settings
- ❖ Support port mirroring and port traffic statistics function
- ❖ Support pure English WEB management interface
- ❖ Dynamic LED indicator to display the state of equipment and provide a simple troubleshooting
- ❖ 19 inch standard rack-mounted steel design

Specification :

Hardware Specification	
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1Q, IEEE 802.1p
Fixed Port	24 10/100/M auto-negotiation RJ45 port 2 gigabit uplink RJ45/SFP(mini GBIC) multiplex port
Cable Type	10Base-T: Category 3/4/5 UTP, support maximum transmission distance 100m 100Base-TX: CAT5 UTP, support maximum transmission distance 100m 1000Base-T: CAT5e UTP, support maximum transmission distance 100m
Fiber Type	50/125µm multimode fiber, transmission distance 550m 9/125µm single mode fiber, transmission distance 10km 9/125µm single mode fiber, transmission distance 40km 9/125µm single mode fiber, transmission distance 80km
LED Indicators	Power, Link/Act 1~26, Speed 1~26
Background Bandwidth	4.8Gbps
MAC Address	8K

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Table		
Forwarding Rate	10Mbps: 14880PPS 100Mbps: 148800PPS 100Mbps: 1488000PPS	
Dimensions (W x H x D)	440*180*44(mm)	
Input Voltage	100V~240VAC,50/60Hz	
Power Consumption	< 30W	
Working Temperature	0° C~40° C	
Store Temperature	-40° C~70° C	
Operating Humidity	10%~90% RH Non-Condensing	
Storage Humidity	5%~90% RH Non-Condensing	
Heat Dissipation	natural heat dissipation	
Software Specification		
Port Management	Port setting	Set the port's basic information, such as rate, duplex mode
	Port bandwidth control	Support
	Broadcast Storm Control	Support
	Port traffic statistics	Support
	Trunk	Support
VLAN Setting	Port-based VLAN	Support
	Based on 802.1Q VLAN	Support
	Many-to-one setting	Quickly send data from multi-port to a destination port
QoS Settings	QoS setting	Port-based, 802.1p, IP TOS/DS and TCP/UDP port number
	Queues scheduling algorithm	Strict Priority (SP), Weighted Round Robin (WRR)
Security Settings	MAC address binding	Support
	TCP/UDP port number filtering	Support
Other Settings	Timeout setting	Set the frame timeout in the output queue
	VLAN Across	Support
	IGMP(V1,V2)Snooping	Support
	VLAN Uplink setting	Support

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System Management	WEB management	Support
	Modify the user name and password	Support
	IP address modification	Support
	System state	Display some of the system parameters of switch, such as: software versions.
	Back up and recover current configuration	Support
	Restore factory settings	Support
	Restart	Support
Packing		
Packing List	Power line ATS 2526+2Fsmart ethernet switch User manual(include the Certificate of Approval and Warranty Card) Mounting bracket and screw Rubber foot	

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