



ISO 9001:2000 Certified Company



ATS2524

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. AT S2524 is L2 line speed smart ethernet switch self-developed by ANDA telecom. The switch provides 24 10/100M auto-negotiation ethernet port, support for WEB management, port bandwidth control, port mirroring, port 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 24 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 only 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, etc.

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. S2524 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. At the same time, the product also support many to one setting, can help you divide VLAN that multi-port to a destination port faster and easier. S2524 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

S2524 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.

Simple 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.

S2524 WEB management interface fully in English, 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 bATe easier and efficient.

ANDA Telecom Pvt. Ltd.

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Product Features:

- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.1Q, IEEE 802.1p standard
- 24 10/100M auto-negotiation RJ45 port, support Auto-MDI/MDIX
- All ports support and a half / full duplex mode auto-adaptation
- Using storage-forward switching mode
- Support MAC address self-learning
- Support port bandwidth control, broadcast storm control and trunk
- Support IGMP (V1, V2) Snooping (multicast applications)
- Support port based VLAN, 802.1Q VLAN, and many-to-one setting
- Support VLAN across function
- Support port-based, 802.1p, IP TOS / DS, and TCP / UDP port number, priority QoS
- Support MAC address binding, TCP-UDP port number filtering security settings
- Support port mirroring and port traffic statistics function
- Support full English WEB management interface
- LED indicators light dynamic display the status 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 802.3x, IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p	
Fixed Port	24 10/100M auto-negotiation RJ45 ports	
Cable Type	10Base-T: Category 3/4/5 UTP, support maximum transmission distance 100m 100Base-TX: CAT5 UTP, support maximum transmission distance 100m	
LED Indicators	Power, Link/Act 1~24, Speed 1~24	
Background Bandwidth	4.8Gbps	
MAC Address Table	8K	
Forwarding Rate	10Mbps : 14880PPS 100Mbps : 148800PPS	
Dimensions (W x H x D)	440*180*44(mm)	
Input Voltage	100V~240VAC,50/60Hz	
Power Consumption	< 15W	
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
	Bandwidth control	Support
	Broadcast storm control	Support
	Port statistics	Support
	Trunk	Support
VLAN Settings	Port based VLAN	Support
	Based on 802.1Q VLAN	Support

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	Many-to-one setting	Quickly send data from multi-port to a destination port
QoS Settings	QOS setting	Port number that based on ports, 802.1p, IP TOS/DS and TCP/UDP
	Queue scheduling algorithm	Support first-in first-out(FIFO), strict priority(SP), weighted round robin(WRR)
Security Settings	MAC address binding	Support
	TCP/UDP port number filtering	Support
Other Settings	Time out setting	Set the frame timeout in the output queue
	VLAN across	Support
	IGMP(V1, V2) Snooping	Support
	VLAN Uplink setting	Support
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 AT S2524 smart ethernet switch User manual (include the Certificate of Approval and Warranty Card) Mounting bracket and screw Rubber foot	

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