

L3 MANAGED SWITCH

VF1001-24P



The VF1001-24P is a L3 managed PoE switch with 10 Gigabit uplink. It offers 24 Gigabit ports and 4*10 Gigabit SFP+ ports, which can be utilized to connect upstream devices with higher bandwidth. This switch is easy to operate, highly secure, and has rich L2 and L3 functions. It can be managed via the command-line interface and the Web interface for network management. It is highly suitable for use in enterprise branches, corporate office scenarios, and enterprise network environments.

KEY FEATURES

- ▶ Supports IEEE 802.3i, IEEE802.3af, IEEE802.3at, IEEE 802.3u, IEEE802.3z, IEEE802.3ab, IEEE802.3x, IEEE802.3ae, IEEE802.3az.
- ▶ Supports PoE power up to 30W for each PoE port, all power up to 370W.
- ▶ Supports MAC address auto-learning and auto-aging.
- ▶ Twenty-fourth 10/100/1000Mbps self-adaption RJ45 port, plus four gigabit port 1000/10000Mbps SFP+ port, it can be used to link bandwidth higher upstream equipment.
- ▶ Store and forward mode operates.
- ▶ Web-based Management Support.
- ▶ LED indicators for monitoring power, link/activity, PoE.
- ▶ 19 inches full metal iron shell and internal power adapter design, suitable for rack installation.

Technical details

Chipset	RTL9301+3*RTL8218D+3*IP808AR	
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3az, IEEE802.3af, IEEE802.3ae, IEEE802.3at, IEEE802.3z, IEEE 802.3x	
Ports	24 x 10/100/1000Mbps ports 4 x 1000/10000Mbps SFP+ ports 1 x Console port	
Network Media(Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) 100Base-Tx: UTP category 5, 5e cable (maximum 100m) 1000Base-T: UTP category 5e, 6 cable (maximum 100m) 1000Base-X: MMF,SMF 10GBase-X: MMF,SMF	
Transfer Method	Store-and-Forward	
MAC Address Table	16K	
Switching Capacity	128Gbps	
Packet Forwarding Rate	95.23Mpps	
Packet Buffer	12Mbits	
Jumbo Frame	12KBytes	
PoE Ports(RJ45)	1-24 ports compliant with 802.3at/af	
Power Pin Assignment	1/2(+),3/6(-)	
PoE Budget	370W	
LED indicators	Per Device	SYS&Mode : Green
	Per-Port	RJ45/SFP+ : Green
		PoE : Orange
Power Supply	AC 100~240V, 50/60HZ, 410W internal power	
Dimensions (L×W×H)	440*208*44mm	
ESD	IEC61000-4-2, Level 3: Contact discharge: ±6kV, Air discharge: ±8kV	
Surge	IEC61000-4-5, RJ45 Common Mode 6kV Power Common Mode 4kV Power Differential mode 2kV	
Environment	Operating Temperature: 0°C ~ 45°C Storage Temperature: -40°C ~70°C Operating Humidity: 10%~90% non-condensing Storage humidity: 5%~90% non-condensing	
Port properties	Support system LED, Port configuration, Port statisticsSupport MTU, DDM	

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Management and maintenance	Support System information, user management Support SSH Support Telnet-Server, Telnet-Client, Telnet6-Server, Telnet6-Client Support ping, ping6 Support Tracert Support WEB management, SNMP, RMON Support Manage IP restrictions, Manage timeouts, Reboot
VLAN	Support 802.1Q Support vlan-mac, vlan-protocol, vlan-subnet Support QinQ Support vlan-swap, vlan-translate
Forwarding control	Support Mac address management Support flow-control, BandWidth-Control, DLF-Control, SLF-Control, ErrorPacket-Control
Mirror	Support mirror, remote_mirror
Security features	Support Port isolation, storm-control Support MUSER Support ip-source-guard, arp anti-flood, arp anti-spoofing Support Prevent DOS attacks Support Discard-BPDU Support dhcp anti-attack
System reliability	Support LACP, RSTP, MSTP, STP, LBD
DHCP	Support dhcp-snooping, dhcp-server, dhcp-relay, dhcp-client Support option82, option60
L2 multicast	Support IGMP-Snooping Support Static multicast
System alarm	Support syslog, cpu alarm, port alarm
Link detection	Support LLDP
Time management	Support Static state time, SNTP-Client
ARP	Support ARP, ND, ARP-proxy
IPv4	Support Ordinary VLAN interface, SuperVLAN interface, Loopback interface Support Static routing, Routing strategy Support RIP, OSPF, VRRP Support ip-def-cpu
IPv6	Support Ordinary VLAN interface, SuperVLAN interface, Loopback interface Support Static route Support RIPng

Technical details

Recommended support

24x7 - 4 hours Response, Next Business Day Call to Resolution CTR

24x7 - 4 hours Response, 24 Hours Call to Resolution CTR

24x7 - 4 Hours Response, 6 Hours Call to Resolution CTR

Default support Next Business Day Consulting and deployment offerings are also available. Contact Vantageo representative for the more information.

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