

V3212

12 Port 10G L3 Management Ethernet Switch

Key Features:

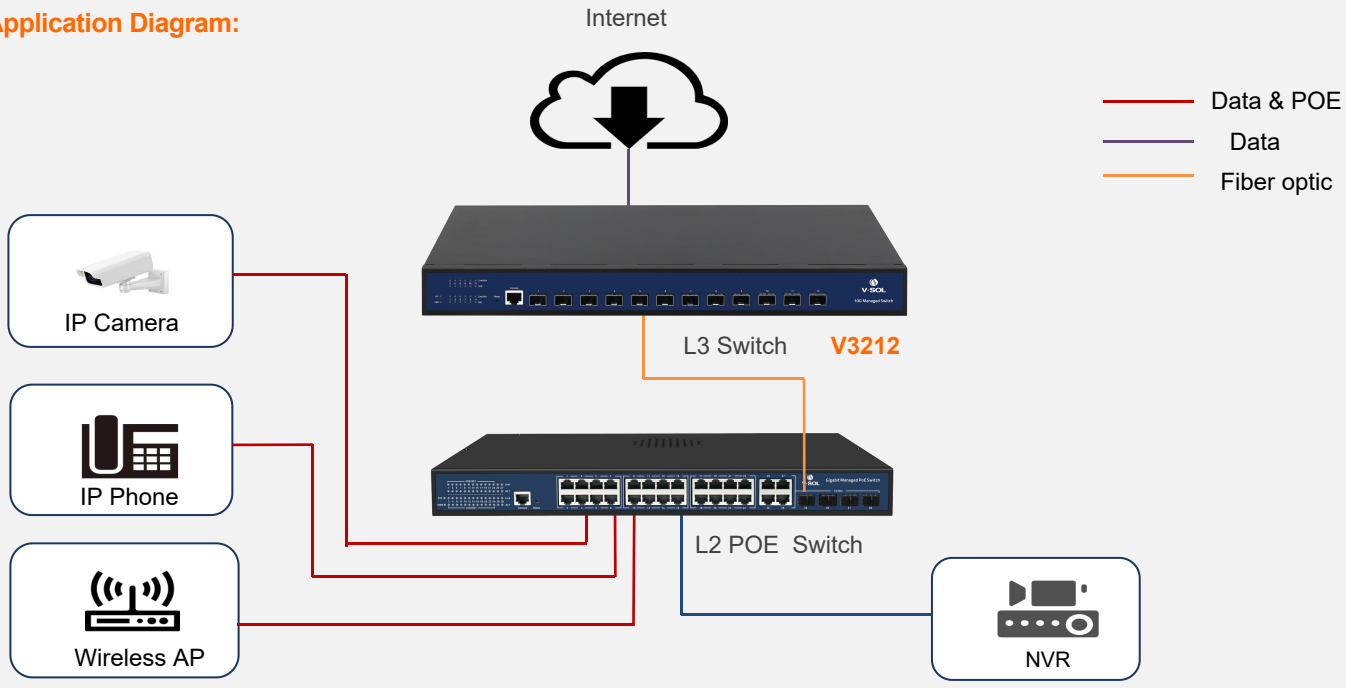
- Support IEEE 802.1d/w/s/p、IEEE 802.3、IEEE 802.3u/x/z/ab/ae standard
- L3 Management, support DHCP Server, QoS, ACL control, support SNMP V1/V2/V3, IGMP Snooping v1/v2
- Support STP/RSTP/MSTP（ERPS), loop detection and self-healing, support remote loop back monitoring and control（802.3ah OAM）
- Support multiple VLAN division, Mac VLAN, Protocol VLAN, Private VLAN
- Support IP address + MAC address + VLAN+Port binding, DHCP Snooping, support IP source and DAI protection
- Support IPV4/IPV6.RIPv1/v2 OSPF

Introduction:

VSOL V3212 switch provides 12 10Gb SFP+ ports and 1 console port, with perfect security control policy and CPU protection policy, to enhance the fault tolerance of the product, to ensure the stable operation of the network and link load balancing. The device supports automatic DoS attack prevention, SNMP, IEEE 802.1q, STP, RSTP and link aggregation. With advanced security features and advanced QoS, it can be used as a core, distribution or access layer switch with high port density and easy manageability.

The product is suitable for metro fiber optic broadband network (telecom, cable TV, network system integration, etc.), broadband private network (finance, government, petroleum, electric power, public security, education and other industries), multimedia transmission (distance learning, conference TV, video phone, etc.) and real-time monitoring.

Application Diagram:



V3212

12 Port 10G L3 Management Ethernet Switch

Technical Specifications:

L2 Function

- Link Aggregation
  load balance policy，Base on MAC and IP-MAC
  Static and Dynamic Group
  Supports LACP
  Up to 8 groups
- Congurable VID from 1 - 4094;Max. 4K static VLAN groups
- Access/Trunk/Hybrid mode
- VLAN Tunnel （Q-in-Q Tunnel）
- MAC address restriction、 Dynamic/Static MAC address、MAC Address Filtering
- Storm Control
- Port Mirroring
- Port isolation, port speed limit, and loop detection
- STP/RSTP/MSTP
- LLDP

DHCP

- DHCP Server、DHCP Relay、DHCP Snooping
- Support IP Pool
- Support Static Binding

L3 funtion

- IPv4/IPv6 VLAN interfaces
- IPv4/IPv6 static routes
- ARP
- IPv6 ND
- RIP V1/V2
- OSPF route ID and authentication

Multicast

- IGMP Snooping andIGMP V1/V2/V3
- Multicast Router Port、Static IGPM Group address、IGMP groups filtering
- MLD Snooping
- MVR

QoS

- Traffic classification based, Strict priority and WRR
- Port Priority、802.1P Priority、IP TOS Priority andIP DSCP Priority
- Supports up to 8 queues per port
- Support Priority Remarking

Security function

- AAA authentication
- RADIUS, TACACS+ authentication.
- 802.1X, port authentication/MAC authentication/local authentication/WEB authentication.
- IP Source Guard
- Dynamic ARP checking
- DOS anti-attack Support ACL (MAC ACL, IPv4 ACL, IPv6 ACL)

O&M

- Support serial port, HTTP/HTTPS, Telnet, SSH, SNMP
- SNTP and manual time synchronization configuration
- RMON message statistics, history configuration, event configuration and alarm configuration.
- Firmware upgrade management
- Upload/backup configuration management
- User management
- System log

Item		V3212
Port	Uplink Ethernet port	12*10G SFP+ Ports
	Management port	1*Console
Product	Dimension (LxWxH)	440*205*44mm
	N.W	2.50KG
Package	Package Dimensions	500*290*85mm
	G.W	3.12 KG
Bandwidth(Gbps)		240
Packet Buffer Memory (Mpps)		178.56
DDR SDRAM(MByte)		128
Flash Memory(MByte)		16
Package cache(MBit)		16
MAC Address		32K
Jumbo Frame(Kbyte)		12
VLANs		4096
MTBF		100000 hours
Network Medium	Multi-mode Fiber	50/125、62.5/125、100/140um
	Single-mode Fiber	8/125、8.7/125、9/125、10/125um
Power Voltage		AC100-240V,50/60Hz
Whole Machine power		< 30W
Surge Protection		General 6KV, ESD 8KV air, 6KV contact
Working Environment	Operating temperature	-10~+40°C
	Storage temperature	-40~+70°C
	Operating Humidity	10~90% (non-condensing)
	Storage Humidity	5~90% (non-condensing)

LED：

ITEM		V3212
LED Indicator		PWR(Power Indicator)，SYS(system Indicator), Link(Link Indicator), ACT(ACT Indicator)
PWR(Power Indicator)	on	Powered
	off	No Power
SYS(System Indicator)	On	System Running
	Flashing	System Start-up
ACT(Link & Data)	On	Link connection
	Flashing	Data transmission
	Off	Link disconnect
10G（Link Light）	On	10G Link

Ordering information:

Product Name	Product Description	Power	Accessories
V3212	12*10GE SFP+	1*AC	10G SFP+ Model