

V5524XG

_3 Gigabit Switch

Layer 3 Gigabit Ethernet Switch with 10GbE uplinks







V5524XG is a single-board Gigabit Ethernet L3 switch comprised of fixed 24 optical Fast Ethernet or Gigabit Ethernet ports and 2 slots for uplink ports, so you can use 10 Gigabit Ethernet XFP uplink ports.

It is an effective product to network environment of metropolitan area, a large scale place of business and ISP(Internet Service Provider) to support high-speed internet service than existing Ethernet products.

It offers intelligent services in networking industries such as premium QoS(Quality of Service), bandwidth control, security ACL(Access Control List), multicast management, high performance routing as well as general LAN switching operation.

High Performance

- 88Gbps switching capacity and 65.5Mpps throughput
- 24-Port 100/1000BASE-X (SFP) subscriber interface
- Up to 20Gbps Data rate with uplink interface

Deployment Flexibility and Reliability

- Power redundancy feature with dual power supplies
- Network management via SNMP v1/v2/v3 and RMON
- IPv6 Hardware Readiness
- Advanced QoS features (SP/WRR/DRR)
- Flexible deployment of 10GbE connections with XFP transceiver options



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Specification

Performance Switching Capacity: 88Gbps, Throughput: 65.5Mpps

Flash Memory 40MB SDRAM 512MB

Service Port 24-Port 100/1000BASE-X (SFP)

Uplink I/F Slot 2 x 1-Port 10GBASE-SR/LR/ER (XFP) per slot

Console 1-Port, RS232

MGMT Port 1-Port, 10/100BASE-TX (RJ45)
Input Voltage AC type: 100-240VAC, 50/60Hz

DC type: -48VDC

Max. power AC type: 50W consumption DC type: 41W

 Operating Temp.
 0~50℃ (32~122°F)

 Storage Temp.
 -40~70℃ (-40~158°F)

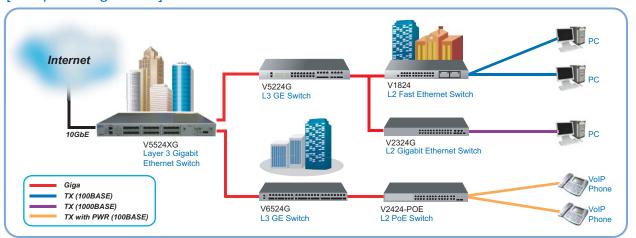
 Humidity
 0~90% (Non-condensing)

 Dimension (W×D×H)
 432mm × 340mm × 44mm

Functionality

L2 Features	32K MAC address entries 4K VLAN and Double 802.1Q(QinQ) for stacking Link Aggregation acc. to 802.3ad STP(RSTP/MSTP)	QoS	SP, WRR, DRR Rate shaping in ingress and egress 8 queues per port
	9K Jumbo Frame	IP Multicast	IGMP Snooping IGMPv1/v2/v3
ID Davidson	IP Forwardiing(Static Routing)		PIM-SM
IP Routing	RIPv1/v2 OSPF v2 BGP v4 VRRP	Security	Admin Access Control 802.1x Authentication RADIUS/TACACS+ SSH

[Sample Configuration]





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