

## L3 Gigabit Switch



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

## • 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 consumption	AC type: 50W 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) 9K Jumbo Frame	QoS	SP, WRR, DRR Rate shaping in ingress and egress 8 queues per port
IP Routing	IP Forwarding(Static Routing) RIPv1/v2 OSPF v2 BGP v4 VRRP	IP Multicast	IGMP Snooping IGMPv1/v2/v3 PIM-SM
		Security	Admin Access Control 802.1x Authentication RADIUS/TACACS+ SSH

## [ Sample Configuration ]

