

L2 GE Switch

Dasan Networks is a global leader in delivering carrier-grade network and customer access solutions that enable high-speed data, voice, video, and wireless services over existing and emerging FTTP (Fiber-to-the-Premise) networks and legacy copper networks.

The V2224G-OP is a 1 RU Layer 2 Gigabit Ethernet switch providing up to 24 GbE SFP (100/1000Base-X) subscriber service ports and 2 slots for uplink modules. For the uplink interface unit, there are 1-Port 1000Base-X (SFP) / E-PON / 10GBase-R (SFP+) and 2-Port 1000Base-X (SFP) modular type unit. Each uplink module can be inserted into two front slots. The V2224G-OP is a perfect solution for expanding networks, to allow network operators the ability to extend GbE services to small businesses and Multi-Dwelling Units (MDUs).

Dasan's PON technology adds new features targeted to improve performance, interoperability, services, support for new applications, and a variety of deployment scenarios.

Wire-rate Speed Product

- 24 GbE SFP (100/1000Base-X) subscriber service ports
- 2 slots for uplink connections
- 1-Port 1000Base-X (SFP) / E-PON / 10GBase-R (SFP+) and 2-Port 1000Base-X (SFP) modular type unit

Advanced Packet Handling Technology

- Traffic classification/Priority management
- Versatile QoS mechanisms (SP/WRR/DRR)
- VMU (Virtual Machine User) Support for PS (Power Saving)
- 100% Brdware Ready Platform

Reliable Management Security Features

- 100% Brdware Ready Platform
- Resilient platform: Broadcast/Multicast storm control
- VU (Virtual User) / BU (Business Unit) / PO (Port) / BY (Bandwidth)

L2 Gigabit Ethernet Switch V2224G-OP

Purchase from:  www.multicominc.com 800-423-2594 407-331-7779



Specifications

Switching Capacity	88Gbps
Throughput	65.5Mpps
Flash Memory	32MB
SDRAM	256MB
Service Port	• 24 100/1000Base-X ports (SFP)
Uplink Slots (2)	• 1 1000Base-X port (SFP) • 2 1000Base-X ports (SFP) • 1 EPON port (SC/PC) • 1 10GBase-R (SFP+)

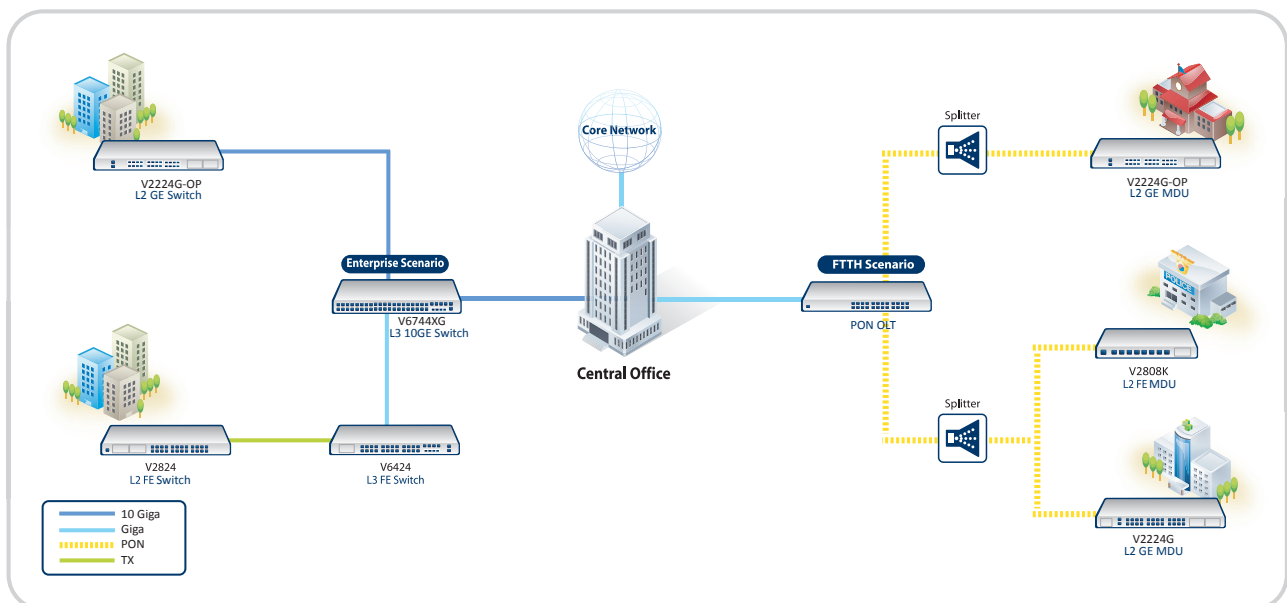
Console	1 Console port (RS232)
MGMT	1 10/100Base-TX (RJ45)
Power Voltage	Single DC type: -48/60VDC Single AC type: 100-240VAC, 50/60Hz
Power Consumption	Max. 37W
Operating Temp.	-4~140°F (-20~60°C)
Storage Temp.	-40~158°F (-40~70°C)
Humidity	0~90% (non-condensing)
Dimension (WxHxD)	17.3 x 1.7 x 11.8 in (440 x 44 x 300 mm)
Regulatory Compliance	CE

Capabilities

L2 Features	<ul style="list-style-type: none"> • Standard Ethernet bridging • Port/subnet/protocol based VLAN • 16K MAC address entries • 4K VLANs • Jumbo frame 9K • Spanning tree (STP/RSTP/MSTP) • 802.3ad link aggregation • Port mirroring • Flow control
QoS	<ul style="list-style-type: none"> • Rate limiting per port • Traffic scheduling (SP, WRR, DRR) • 4 queues per port

Security	<ul style="list-style-type: none"> • SSHv1/v2 • User authentication for user ID/password • RADIUS, TACACS+ authentication • Ethernet type / L4-based ACL
Multicast	<ul style="list-style-type: none"> • IGMPv1/v2/v3 • IGMP snooping • Multicast VLAN Registration (MVR)
Management	<ul style="list-style-type: none"> • Serial/Telnet (CLI) • SNMPv1/v2/v3 • RMON

Sample Configuration



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