

## Draytek VigorSwitch G1240 Gigabit Ethernet Switch



Product Name: Draytek VigorSwitch G1240 Gigabit Ethernet Switch

Manufacturer: -

Model Number: VSG1240

Draytek VigorSwitch G1240 Gigabit Ethernet Switch

Please Note: The Draytek VigorSwitch G1240 has been discontinued. For an alternative, we recommend the Draytek VigorSwitch G1241.

The Draytek VigorSwitch G1240 is a high-performance Gigabit Ethernet switch. It provides extensive facilities for maximising your LAN performance and also increasing security security, including VLAN groups (port or tag based) as well as QoS prioritisation and traffic/bandwidth control. The G1240 is also compact, only 170mm deep, ideal for a crowded comms cabinet (it's a standard 19" rack in width). Rack mounting brackets are included or the unit can be used on a desk/shelf. Draytek VigorSwitch G1240 Gigabit Ethernet Switch Features

- 24 Gigabit Ethernet Ports
- 4 SFP (Fibre Module) Ports
- Port Based and 802.1q VLAN
- Quality of Service (QoS)
- 802.1x Security Authentication
- Port Bandwidth Control
- Port Mirroring

The G1240 has four SFP (Fibre Module) ports. In comparison to 'copper' (RJ45), using fibre for uplinks provides longer range and relience from electrical interference. Each of the four ports can be used instead of the corresponding copper port (Ports 21,22,23 and 24). The SFP port provides compatibility with your choice of SFP module and therefore the most appropriate fibre technology for your application.

Draytek VigorSwitch G1240 Gigabit Ethernet Switch - Technical Specification

Physical Interfaces:

- 24 Gigabit Ethernet Ports (RJ-45, ports 1-24)
- 4 SFP Dual-media Port (ports 21-24)

Standards Compliance (IEEE):

- 802.3 10Base-T
- 802.3u 100Base-T
- 802.3ab 1000Base-TX
- 802.3z 1000Base-X Ethernet
- 802.3x Flow Control Capability
- ANSI/802.3 Auto-negotiation
- 802.1q VLAN
- 802.1p Class of Service
- 802.1x Access Control
- 802.1d Spanning Tree
- 802.1w Rapid Spanning Tree
- 802.3ad Port trunk with LACP

Performance Features:

## Draytek VigorSwitch G1240 Gigabit Ethernet Switch

- 1/2 Auto-Negotiation
- 1/2 Auto-MDIX
- 1/2 Flow Control: Back pressure for Half-Duplex 802.3x Pause Frame for Full-Duplex
- 1/2 Switch Fabric : 48Gbps / non-blocking
- 1/2 Wire speed performance
- 1/2 Mac Address: 8 K MAC address table
- 1/2 Package buffer memory: 500K Bytes
- 1/2 Jumbo frame support to 9600 bytes

### 1/2 QoS:

- 1/2 Supports port based, Tag based, IPv4 ToS and DSCP
- 1/2 Supports 802.1p QoS with four level priority queue
- 1/2 Supports priority in a Q-in-Q tag
- 1/2 Supports WRR and Strict scheduling

### 1/2 VLAN:

- 1/2 24 Port-based VLANs
- 1/2 IEEE802.1q tag-base VLAN, 4094 max, up to 24 active VLANs
- 1/2 In tag-base VLAN, supports egress/ingress packet filter
- 1/2 Provides Multicast VLAN for DVB application

### 1/2 SNMP:

- 1/2 SNMP v1, v2c
- 1/2 RFC 1213
- 1/2 RFC 1493
- 1/2 RFC 2863

### 1/2 Bandwidth Control:

- 1/2 Support ingress packet filter and egress packet limit

### 1/2 Port Mirroring:

- 1/2 Support 1: N RX port mirroring
- 1/2 Supports port sniffer function with RX Monitor Mode

### 1/2 LACP/Port Trunk:

- 1/2 Port trunking with 12 trunking groups
- 1/2 Up to 12 ports for each group

### 1/2 Broadcast Storm:

- 1/2 Broadcast Storm Control

## Draytek VigorSwitch G1240 Gigabit Ethernet Switch

• Multicast Storm Control

• LED Indicators:

• Power

• Ports 1-24 LINK/ACT

• Ports 1-24 10/100/1000Mbps (Speed)

• Port 21,22,23,24 SFP Operation

• Rack-Mountable

• Power Requirements: 220-240VAC. 20 Watts

• Environment: Operation Temperature: ~0°C~40°C. Storage Temperature: -10°C~70°C

• Dimensions: 170.3 x 442 x 44 mm (L x W x H):

• Weight: 2.4Kg

• ROHS & CE Compliant

• Warranty : 1 Year Manufacturer's RTB

**Please Enquire**

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