

Draytek VigorSwitch G1241 Gigabit Ethernet Switch



Product Name: Draytek VigorSwitch G1241 Gigabit Ethernet Switch

Manufacturer: -

Model Number: VSG1241-K

Please Note: This product has been discontinued.

Draytek VigorSwitch G1241 Gigabit Ethernet Switch

The Draytek VigorSwitch G1241 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 G1241 is also compact, only 162mm deep, ideal for a crowded comms cabinet (rack mount included to extend to standard 19" rack width if needed). Draytek VigorSwitch G1241 Gigabit Ethernet Switch Features

- 24 Gigabit Ethernet Ports
- Port Based and 802.1q VLAN
- Quality of Service (QoS)
- 802.3az EEE (Energy Efficient Ethernet)
- Port Bandwidth Control
- Port Mirroring
- SNMP v1/v2c

The VigorSwitch G1241 also supports link aggregation; useful for increasing speed between other switches or high-performance servers and dual-stack IPv4/IPv6. Multiple diagnostic and LAN protection methods are supported; by use of the port mirror facility, you can help track network errors or abnormal traffic without interrupting the flow of data, allowing ingress data to be examined from a single port.

Draytek VigorSwitch G1241 Gigabit Ethernet Switch - Technical Specification

Physical Interfaces

- 24 Gigabit Ethernet Ports (RJ-45)
- RJ45 Ports Auto-MDIX/auto-negotiation
- Front Panel Reset Button
- Rear Power Switch

Performance

- Wirespeed Per port (1Gb/s)
- Total Max Switch performance : 36mp/s / 48Gb/s
- 8K MAC address table
- Jumbo frame support to 9KB
- Package buffer memory: 500K Bytes

Standards Compliance (IEEE):

- 802.3 10Base-T
- 802.3u 100Base-T
- 802.3ab 1000Base-TX
- 802.3x Flow Control Capability
- ANSI/802.3 Auto-negotiation

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- 802.1q VLAN
- 802.1p Class of Service
- 802.1d Spanning Tree
- 802.1w Rapid Spanning Tree
- 802.3ad Port Trunk with LACP
- 802.1ab Link Layer Discovery Protocol
- IPv4 / IPv6

• Link Aggregation:

- Static Trunk with 8 groups
- Up to 8 ports per group
- Traffic load-balancing

• QoS:

- 802.1p QoS
- Up to 8 hardware queues
- 802.1p Class of Service (CoS)
- Supports port based, Flow-based, IP DSCP and IP TOS Precedence
- WRR, WFQ and Strict Priority

• VLAN:

- 802.1q tag-base VLAN
- Port-based VLAN
- Static VLAN
- Port Isolation
- Management VLAN
- Voice VLAN (OUI Mode)

• Management Features:

- SNMP v1, v2c
- IGMP v1/v2 Snooping/v3 Basis (BISS)
- IGMP v2/v3 Querier
- Firmware Upgrade by HTTP/TFTP
- DHCP Client / DNS Client
- Broadcast Storm & Unknown Multicast/Unicast Protection
- Loop Detection
- Cable Diagnostics
- DoS Protection

• Port Mirroring:

- Up to 23 ports can be mirrored to a single port
- One Session
- RX Monitor Mode

Draytek VigorSwitch G1241 Gigabit Ethernet Switch

1½ LED Indicators:

1½ Power

1½ Ports 1-24 LINK/ACT

1½ System Active/Running

1½ Rack-Mountable (bracket included)

1½ Power Requirements: 220-240VAC. 14.6 Watts

1½ Environment: Operation Temperature:~0°C~50°C. Storage Temperature:-10°C~70°C

1½ Dimensions: 267 x 162 x 42 (W x D x H)

1½ Weight: 1.9Kg

1½ ROHS & CE Compliant

1½ Warranty : 2 Year Manufacturer's RTB

Please Enquire