

Draytek VigorSwitch P1092 Gigabit Ethernet Switch



Product Name: Draytek VigorSwitch P1092 Gigabit Ethernet Switch

Manufacturer: -

Model Number: VSP1092-K

Please Note: This product has been discontinued. Please see the DrayTek VigorSwitch VSP2100-K as an alternative.

Draytek VigorSwitch P1092 Gigabit Ethernet Switch

The Draytek VigorSwitch P1092 is ideal for small businesses and can cater for high bandwidth traffic as it is equipped with 8 Gigabit Ethernet ports for the LAN side, and 2 SFP ports for the backbone side. The VigorSwitch P1092 also offers power to all these ports with Power of Ethernet (PoE) capabilities.

Draytek VigorSwitch P1092 Key Features

- Simple and Easy to use network switch
- 8 x 10/100/1000 Base-T and 2 x SFP Port
- Port 1-8 support 802.3at PoE+, the maximum power budget: 110Watt (Up to 30Watt per port)
- Support HTTP Web Management
- QoS for application traffic prioritisation
- Support upto 8 VLANs simultaneously
- Power saving by 802.3az Energy Efficient Ethernet

All PoE-enabled devices for the business usages, such as IP phones, wireless AP, or IP Cameras, can all rely on the Draytek VigorSwitch P1092 switch for the power supply. VLAN provides a way for businesses to assign network functions to different workgroups, branches, sections, employees, or visitors, according to their operational requirements. The VigorSwitch P1092 offers the Layer 2 Isolation feature (tag-based) VLAN for the groups. QoS (Quality of Service) With the DrayTek VigorSwitch P1092's QoS feature provides four internal queues to support eight different classifications of traffic by 802.1p priority tag. PoE Enabled The Draytek VigorSwitch P1092 features 8 PoE ports allow power to be supplied to end devices, such as Wireless AP, IP Phones and IP cams, directly through the existing LAN cables, eliminating costs for additional AC wiring and reducing installation cost. Bandwidth Aggregation The VigorSwitch P1092 can combine two ports into one LACP aggregated link to uplink switch.

Draytek VigorSwitch P1092 - Technical Specification

Physical Interfaces

- 8 10/100/1000BaseT Ethernet Ports (RJ-45 IEEE 802.3/3u/ab)
- 2 1000Mbps SFP Slots

PoE Specification

- 8-ports 802.3af & 802.3at (high Power) PoE PSE
- 110 Watts Total Power Budget for PoE
- Auto Detection of Powered Device (PD) and Consumption Levels
- PoE Activity LED Indicator
- Supports per Port Power Consumption Monitoring
- Smart Feature for PD on/off, PD Detection, Power Level and PD status
- Circuit Protection to Prevent Power Interference between Ports

VLAN

- 802.1q Tag-based VLAN
- Port-based and MAC-based VLANs

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• Up to 8 VLANs

QoS

- Support 4 priority queues
- Port-based rate control
- Priority queue schedule (WRR or Strict Priority)
- Class of Service
- 802.1p CoS

Network Security

- Access Control Lists (ACL)
- Source and destination MAC
- VLAN ID
- IPv4 address
- Protocol
- TCP/UDP port
- Storm Control (Broadcast, Unknown Multicast, Unknown Unicast)
- DoS Attack protection

Link Aggregation

- Combine multiple ports to increase bandwidth
- 8 Aggregation Groups
- Up to 8 ports in each group
- LCAP or Static setup
- Supports traffic load balancing

Networking Performance:

- Switching Capacity: 20Gbps
- Forwarding Rate: 14.9Mpps
- MAC Addresses Supported: 4K
- Jumbo Frames up to 9KB

IGMP Snooping

- Up to 256 multicast groups
- IGMP Snooping V2
- IGMP V2
- Immediate Leave

Management

- Web User Interface (HTTP)
- Firmware Upgrade/Backup by HTTP
- Configuration Backup/Restore
- Factory Default
- System Reboot
- DrayTek Switch Management support (from routers) *requires firmware update

Diagnostics

- Port Status & Usage display

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- PoE active display
- Port Mirroring

General IEEE Standards Compliance

- 802.3 10Base-T
- 802.3u 100Base-T
- 802.3ab 1000Base-T
- 802.3x Flow Control Capability
- 802.3 Auto-negotiation
- 802.1Q VLAN
- 802.1p Class of Service
- 802.3ad Port trunk with LACP
- 802.1az Energy Efficient Ethernet

Operating Requirements

- Power Input Requirements: 220-240VAC
- Power supply: Internal
- Operating Temperature: ~0°C to ~40°C
- Storage Temperature: -20°C to ~70°C
- Operating Humidity: 10% to 90% RH (non-condensing))

General

- Dimensions: 265 x 184 x 43 mm (W x D x H)
- Rack mountable: 1U
- Brackets included for rack or wall mounting
- Weight: 1.68Kg (excluding SFP modules/cables)
- ROHS & CE Compliant

Price: \$182.80