

DrayTek VigorSwitch P1100



Product Name: DrayTek VigorSwitch P1100

Manufacturer: -

Model Number: VSP1100-K

Please Note: The VigorSwitch P1100 has been discontinued. For an alternative, we recommend the VigorSwitch P1092.

Draytek VigorSwitch P1100 Gigabit Switch

The DrayTek VigorSwitch P1100 Gigabit Ethernet switch is an 8-port device providing all ports with full-power PoE and four of them with extended power PoE+ (802.3at).

Draytek VigorSwitch P1100 Key Features

- 8-Port PoE / PoE+ Ethernet Switch
- 8 Gigabit RJ-45 Ports & 2 Gigabit SFP Ports
- All ports full power PoE+ 802.3at & 802.3af
- 120 Watts total PoE Power budget
- QoS & Port/Tagged VLANs
- SNMP v1/v2c
- Fanless (Silent) Operation
- IPv4 / IPv6 dual-stack
- Rack-mountable (brackets included)

PoE is ideal for any PoE-enabled devices, including:

- IP telephones (for example as part of an IP PBX)
- Wireless access points
- IP Cameras (Network cameras)
- Any other device supporting PoE (802.3af / 802.3at)

All 8 RJ-45 ports and the 2 SFP ports are full speed Gigabit (1000Mb/s) Ethernet. As well as ensuring that your wired Ethernet devices get maximum speed, Gigabit on PoE RJ-45 ports is particularly useful on a network where your PoE devices are providing Gigabit devices to a secondary device, for example, IP phones to desktop PC using their loop/passthrough support if it supports Gigabit Ethernet. The two Gigabit SFP ports to accept SFP modules (not supplied), such as for fibre connectivity/uplinks. Regular, non-PoE devices can still connect to the switch so will also still take advantage of the Gigabit speed so ideal for a mixed environment. The P1100 includes rack mounting bracket/kit as standard or it can be placed on a desk/shelf.

Draytek VigorSwitch P1100 - Technical Specifications

Physical Ports:

- 8 RJ-45 Ethernet Ports (1000Gb/s)
- 2 SFP Sockets for SFP modules (1Gb/s)
- Reset Button (for factory reset)
- Power Switch (on rear of case)

QoS Features

- Support up to 8 queues
- Port-based Rate Limit (ingress/egress)
- Queue Setting: Weight Rated (WRR) or Strict Priority
- Class of Service:

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- Port-based
- CoS
- DSCP
- CoS-DSCP
- IP Precedence

VLAN

- 802.1q Tag-Based LAN
- Port-Based VLAN (Common/Distinct Groups)
- Static VLAN
- Port Isolation
- Management VLAN
- Voice VLAN (OUI Mode)

Link Aggregation

- 8 Link Aggregation Groups
- Up to ports per group
- Static and LACP group members
- Traffic & Load Balancing

IGMP Snooping

- IGMP Snooping v2/v3
- IGMP v2/v3 Querier
- Up to 256 Multicast Groups
- Immediate Leave

Network Features

- MAC Addresses Supported: 8K
- Buffer Memory: 128KB
- Jumbo Frames up to 10Kb
- STP & RSTP
- SNTP
- Wirespeed Packet filtering & Forwarding
- Storm Control & DoS Attack Mitigation

PoE / PoE+

- 48V/DC per Port Output
- 30 W Max per Port
- Loop detection & power control
- Total PoE Power Budget: 120W
- Port LEDs: Link / Act, PoE
- PoE LED : Act/ Status
- Dynamic or Static (Priority Based) configuration

Standard Compliance

- 802.3 10BaseT

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- 802.3u 100BaseTX
- 802.3ab 1000BaseTX (Gigabit)
- 802.3x Full-duplex and Flow Control
- 802.3x Flow Control
- 802.3af Power over Ethernet (PoE)
- 802.3at Power over Ethernet (PoE+)
- 802.1q VLAN
- 802.1p Class of Service
- 802.1d / 802.1w Rapid Spanning Tree
- 802.3ad Port Trunk / LACP
- 802.1ab Link Layer Discovery (LLDP)
- 802.1az Energy Efficient Ethernet

General

- Power Consumption: 150 Watts (Max)
- Operational Temperature: 0-40°C
- Storage Temperature: -20 to 70°C
- Humidity: 10-90% RH (Non-condensing)
- Physical Dimensions: 266 × 185 × 44 mm (L x W x H)
- Silent operation (fanless)
- Weight : 1.4kg
- Rack Mountable (brackets included)
- Power : 220-240VAC, IEC input (UK Cable included, 1.8M)
- Warranty : 2 Year RTB
- Certification : CE, ROHS

Please Enquire