

Draytek VigorSwitch P2261 High-Power PoE Gigabit Switch



Product Name: Draytek VigorSwitch P2261 High-Power PoE Gigabit Switch

Manufacturer: -

Model Number: VSP2261-K

Please Note: The VSP2261-K has been discontinued. For an alternative, we recommend the VSP2280-K.

Draytek VigorSwitch P2261 High-Power PoE Gigabit Switch

The Draytek VigorSwitch P2261 is a high-performance, fully-managed, layer 2 Gigabit Ethernet switch with PoE (Power over Ethernet). Its specification is packed with advanced features to aid reliability and switching performance to your network and is ready for the next generation with both IPv4 and IPv6 support. Draytek VigorSwitch P2261 Features

- 24+2 Port PoE Gigabit Managed Switch
- 20 x 1000BaseT (Gigabit) RJ45 Ethernet Ports
- 4 x Combo UTP (Gigabit) or SFP (Fibre Module) Ports
- 2 x SFP (Fibre Module) Ports
- PoE (Power-over-Ethernet) for IP phones, wireless
- access points, IP Cameras etc.
- Advanced QoS for Application traffic prioritisation
- IPv4 and IPv6 Compliant

The P2261 has 20 standard (RJ45/copper) Gigabit Ethernet Ports, four selectable ports (can be either RJ45 or SFP) and two dedicated SFP ports (for fibre connection modules). Features for Quality of Service (QoS), VLANs and network/switch security provide additional flexibility. The VigorSwitch P2261 is a PoE (Power over Ethernet) switch, providing power to any PoE-enabled device, most commonly IP phones, wireless access points or IP cameras over the Ethernet cable. As well as removing the need for local (at the desk) power supplies so making for tidier installations, PoE ensures power efficiency, providing only the power needed, as well as allowing for time schedules for powering up/down. Power is provided only when required. PoE also allows for installation of devices where there is no mains power (particularly useful for wireless access points). The P2261 supports both standard PoE (802.1af) and High-Power PoE (802.1at) devices.

A 'Single IP Management' facility enabled you to have 32 VigorSwitch P2261 or G2260 units on the same local subnet and access the web interface of each from a single interface (IP address), moving quickly from one to another rather than having to log into each switch individually.

Draytek VigorSwitch P2261 High-Power PoE Gigabit Switch - Technical Specification

Physical Interfaces:

- 20 10/100/1000BaseT Ethernet Ports (RJ-45 IEEE 802.3/3u/ab)
- 4 Selectable 10/100/1000BaseT (Gigabit) Ethernet Ports (Ports 20-24) or SFP (802.3z)
- 2 SFP module Ports (Ports 25 & 26 - IEEE 802.3z)
- RS-232 Serial Console Port

Layer 2 Switch:

- GVRP (Generic VLAN Registration)
- DHCP Relay with Option 82
- IGMP v1/v2/v3 Snooping
- IGMP Querier / Proxy
- MLD v1/v Snooping

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- LACP 802.3ad - Port Trunking (Up to 13 groups of 16 members each)
- Spanning/Rapid & Multiple Trees (802.d, 802.1w, 802.1s / STP/RSTP/MSTP)

PoE Specification

- 24-ports 802.3af & 802.3at (high Power) PoE PSE
- PoE Activity LED Indicator
- 185 Watts of Total Power (up to 30 Watts per port)
- Auto Detection of Powered Device (PD) and Consumption Levels
- Supports per Port Power Consumption Monitoring
- Smart Feature for PD on/off, PD Detection, Power Level, PD status and Power feeding Priority
- Circuit Protection to Prevent Power Interference between Ports
- Supports per Port PoE State Setting
- Supports per Port Power priority Setting
- Cable-length detection (reduces power consumption)

VLAN:

- 802.1q Tag-based VLAN
- Up to 4K VLANs (out of 4096 VLAN IDs)
- 802.1v Protocol-Based VLAN
- MAC-based VLAN
- Private VLAN Edge (PVE)
- Management VLAN - Restrict admin interface to VLAN member(s)
- Support Q-in-Q VLAN (for Subscriber Aggregation) on Outer Tags
- GVRP/GARP

QoS:

- Support 8 hardware priority queues
- Port-Based, IPv4/IPv6 precedence, DiffServ, DSCP and Trusted QoS
- Supports QCL for Layer 4 TCP/UDP Port
- IP ToS QoS
- Diffserv DSCP Classification
- 802.1p, queue assignment-based on DSCP and Class of Service (CoS)
- Scheduling
- WRR or Strict priorities
- MAC Priority QoS

Network Security:

- Access Control Lists (ACL)
- SSH / SSL / HTTPS
- Radius / TACACS+ Authentication
- Layer 2 Isolation Private VLAN Edge (PVE)
- Static Port Security
- IP Source Guard (IP-MAC Port binding)
- Storm Control
- 802.1x access control for port based and MAC based authentication
- Isolated Group/Restricted Group

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• Management Access Policy Control

• Management:

• Dual Image Firmware

• Port Mirroring

• SNMP V1, V2c, V3 Network Management

• SNMP MIBs supported:

• RFC 1213 support

• Interface MIB

• Address Translation MIB

• IP MIB

• ICMP MIB

• TCP MIB

• UDP MIB

• SNMP MIB

• RFC 1493 Bridge MIB

• RFC 1643 Ethernet MIB

• Enterprise MIB

• RFC 1757 RMON MIB

• RMON Groups 1 (History), 2 (Stats), 3 (Alarms) & 9 (Events)

• 802.1ab Link Layer discovery Protocol (LLDP) & LLDP-MED Extensions

• IPv4 & IPv6 Dual-Stack

• s-Flow & UPnP

• Firmware upgrade by HTTP, HTTPS, TFTP or Console Port

• All ports powered, as standard (185W total)

• 801.1af (PoE) and 802.1at (High Power PoE)

• 802.3az Power Saving

• 802.1q and Private VLAN

• Voice VLAN for automatic VoIP QoS

• Layer 2 Fully Managed

• IP Source Guard (IP-MAC Port binding)

• 802.1x & Access Control List Security

• Port Bandwidth Control

• Port Mirroring

• RFC 2544 Performance Compliant

• Power Requirements: 220-240VAC. 30W.

• 802.3az Energy Efficient Ethernet

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

• Dimensions: 442 x 300 x 44 mm (W x D x H). Rack : 1U.

• Weight: 2.4Kg (excluding SFP modules/cables)

• ROHS & CE Compliant

• Warranty : 1 Year Manufacturer's RTB

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Price: Â£363.30
