

Draytek VigorSwitch P1085 8-Port Web Smart Gigabit PoE+ Switch



Product Name: Draytek VigorSwitch P1085 8-Port Web Smart Gigabit PoE+ Switch

Manufacturer: -

Model Number: VSP1085-K

Please Note: This product has been discontinued. For an alternative, please see the other DrayTek models.

Draytek VigorSwitch P1085 8-Port Web Smart Gigabit PoE+ Switch

The Draytek VigorSwitch P1085 is a compact Web Smart Gigabit PoE switch. It has 8x Gigabit Ethernet PoE/PoE+ ports with a PoE power budget of 140 watts. The model offers enterprise-level features to help businesses to improve network security and stability.

Draytek VigorSwitch P1085 Key Features

- 8x PoE GbE PoE/PoE+ Gigabit Ethernet, RJ-45
- 140 watts of PoE Power Budget
- 16 Gbps Switching Capacity
- 11.9 Mpps Forwarding Rate
- PoE (Power over Ethernet)
- PoE Device Check
- Auto Surveillance & Voice VLAN
- QoS (Quality of Service)
- ONVIF-Friendly
- IP Conflict Prevention
- Multiple Admin Accounts
- Central Switch Management
- Energy-Efficient Ethernet

IP Conflict Detection & PreventionConflict Detection: VigorSwitch keeps an eye on the environment and notify the administrator of any IP conflicts.**Conflict Prevention:** For a more stable network, VigorSwitch can't only detect but block the misconfigured or malicious IP host.**ONVIF-Friendly**Recognise the ONVIF devices in different VLANs, display surveillance topology, provide UI for video streaming and device maintenance.**ONVIF Snapshot Alert**VigorSwitch keeps pinging on the ONVIF IP cameras and taking snapshots from them periodically, and sends out an email alert with the latest snapshot when a camera not responding.
Draytek VigorSwitch P1085 - Technical Specification
Interface

- LAN Port: 8x 10/100/1000 Mbps Gigabit Ethernet, RJ-45
- Button: 1 x Factory Reset

PoE

- PoE Capable Ports: 8
- PoE Standards: PoE/PoE+(802.3af/802.3at), Type mode A
- PoE Power Budget: 140 watts
- Power Limit: Yes
- Scheduled On/Off: Yes
- Power Cycle on Port: Manual, Ping Watchdog

Capacity

Draytek VigorSwitch P1085 8-Port Web Smart Gigabit PoE+ Switch

• Buffer Size: 4.1 Mbit
• Switching Capacity: 16 Gbps
• Forwarding Rate: 11.9 Mpps (64 bytes)
• MAC Address Table: 8k
• Jumbo Frame: Up to 9KB

Networking Standards

• IP Version: IPv4, IPv6
• Ethernet Standards: - 802.3af PoE- 802.3at PoE+- 802.3 10Base-T- 802.3u 100Base-T- 802.3ab 1000Base-T- 802.3x Flow Control- 802.3 Auto-Negotiation- 802.1q Tag-based VLAN- 802.1p Class of Service- 802.1d STP- 802.1w RSTP- 802.3ad LACP- 802.1x Port Access Control- 802.1AB LLDP- 802.3az EEE

VLAN

• Max.Number of VLAN: 256
• VLAN Type: - 802.1q Tag-based- MAC-based- Management VLAN- Voice VLAN- Surveillance VLAN
• Port Isolation: Yes

ONVIF Surveillance

• Discovery: Yes
• Surveillance Topology: Yes
• Real-Time Video Streaming: Yes
• ONVIF Device Maintenance: Device Info, Reset Factory Default, Time Settings, Reboot

QoS

• Number of QoS Queues: 8
• Queue Scheduling: SPQ, WRR
• CoS (Class of Service): 802.1p CoS, DSCP, CoS-DSCP, IP Precedence
• Rate Limit/Shaping: Yes

Security

• Access Control List: MAC, IPv4, IPv6
• Storm Control: Broadcast, Unknown Multicast, Unknown Unicast
• DoS Defense: Yes
• IP Source Guard: Yes
• IP Conflict Detection: Yes
• IP Conflict Prevention: Yes
• Loop Protection: Yes

Link Aggregation

• Max. Number of Group: 8
• Max. Number of Member in Each Group: 8
• Type: Static, LACP
• Traffic Load Balancing: MAC Address, IP/MAC Address

Multicast

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• IGMP Snooping: v2, v3 (BISS)

• IGMP Querier: v2, v3 (BISS)

Management

• Web Interface: HTTP, HTTPS

• Command Line Interface: Telnet, SSH

• OpenVPN Client: Certificate-based authentication

• SNMP: v1, v2, v3

• Mail Alert: Port Status, Port Speed, System Restart, IP Conflict

• LLDP: Yes

• Syslog: Yes

• 2-Level Admin Privilege: Yes

• Multiple Admin Accounts: Yes

• Managed by VigorRouter SWM: Yes

• Managed by VigorConnect: Yes

• Managed by VigorACS 2: Yes

• Config File Export/Import: Yes

• SNTP (Simple Network Time Protocol): Yes

• Diagnostics Tools: Port Mirroring, Ping, Cable Test

Physical

• 19-inch Rack Mountable: Yes, Mounting Kit Included

• Max. Power Consumption: 162 watts

• Dimension: 330mm x 230mm x 44mm

• Weight: 2.27 kg (5 lb)

• Operating Temperature: 0 to 45°C

• Storage Temperature: -20 to 70°C

• Operating Humidity: 10 to 90% non-condensing

• Storage Humidity: 5 to 90% non-condensing

• Certificate: CE FCC

Please Enquire