

Draytek VigorSwitch G1085 8-Port Web Smart Gigabit Switch



Product Name: Draytek VigorSwitch G1085 8-Port Web Smart Gigabit Switch

Manufacturer: Draytek

Model Number: VSG1085-K

Please Note: This product is currently on pre-order. For an alternative, please see the VSP2540X-K or VSG2280X-K

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The Draytek VigorSwitch G1085 is a compact Web Smart Gigabit managed switch. It offers 8x Gigabit Ethernet ports and enterprise-level features to help businesses to improve network security and stability.

Draytek VigorSwitch G1085 Key Features

- 8x GbE Gigabit Ethernet, RJ-45
- 16 Gbps Switching Capacity
- 11.9 Mpps Forwarding Rate
- Up to 9KB Jumbo Frame
- 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 & Prevention Conflict 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 G1085 - Technical Specification

Interface

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

Capacity

- 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: - 802.3 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

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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

• 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

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• 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: 9 watts
• Dimension: 330mm x 230mm x 44mm
• Weight: 1.83 kg (4.03 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

Price: \$107.67
