

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

Please Enquire
