

## 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

Draytek VigorSwitch G1085 8-Port Web Smart Gigabit Switch

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

## Draytek VigorSwitch G1085 8-Port Web Smart Gigabit Switch

- 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: £79.10**