

**DrayTek**

VigorSwitch G1080

Managed Smart 8-Port Gigabit Switch

Product Overview

The VigorSwitch G1080 is a small, high-performance Gigabit smart switch designed for small and medium business networks that require simple network management, with support for VLANs, QoS and Link Aggregation (increases uplink speed for high data volume applications).

Key Features & Benefits

8 Ports

10/100/1000M Ethernet, RJ-45

802.1q VLAN

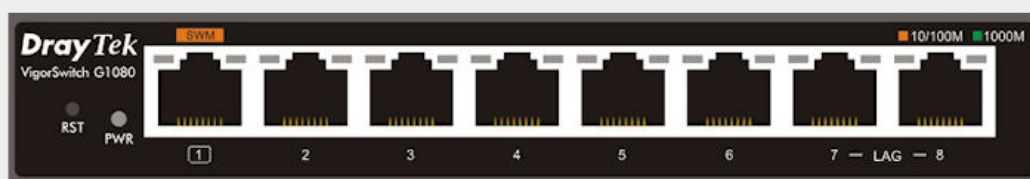
Partition the local network by 802.1q tag to increase data efficiency and security.

Link Aggregation

Combining Port 7 and 8 to increase network throughput.

QoS (Quality of Service)

Improve the performance of critical traffic by prioritizing the traffic with CoS, DSCP, and IP Precedence tag.



Key Specification

8 Port Gigabit Managed Switch

Ultra compact form factor

Wall Mountable

Fanless (Silent) Operation

Ultra-low power consumption

Can be powered by USB port on PC or router
(requires optional USB/DC cable 'HVUSB1')

802.3az Power Saving

802.1q VLANs (Tag & Port-based)

QoS for Application traffic prioritisation

Link Aggregation (LACP) for ports 7 & 8

IGMP Snooping (Up to 128 Multicast Groups)

Manageable by compatible DrayTek Router (SWM) or
standalone operation

Full Specifications

Physical Interfaces:

- 8x 10/100/1000BaseT Ethernet Ports (RJ-45 IEEE 802.3/3u/ab)

Quality of Service:

- Support 4 priority queues
- Port-Based rate control
- Priority queue schedule (WFQ or Strict Priority)
- Class of Service
 - 802.1p CoS

Network Security:

- Storm Control (Broadcast, Unknown Multicast, Unknown Unicast)

IGMP Snooping:

- Up to 128 multicast groups
- IGMP Snooping V2
- IGMP V2
- Immediate Leave

Diagnostics:

- Port Status & Usage display
- Port Mirroring

General IEEE Standards Compliance:

- 802.3 10Base-T
- 802.3u 100Base-T
- 802.3ab 1000Base-T
- 802.3x Flow Control Capability
- 802.3 Auto-negotiation
- 802.1Q VLAN
- 802.1p Class of Service
- 802.3ad Port trunk with LACP
- 802.1az Energy Efficient Ethernet

Physical Specifications:

- Dimensions: 154 x 85 x 26 mm (W x D x H)
- Rack mountable: No
- Wall mountable : Yes
- Weight: 325g (excluding cables)

Box Contents:

- VigorSwitch G1080 Network Switch
- UK Power Adapter
- Quick Start Guide

VLAN:

- Tag-based VLAN - 802.1q
- Port-based VLAN
- Up to 8 VLANs

Link Aggregation:

- Combine ports 7 & 8 to increase bandwidth to LACP capable switches or servers
- Supports traffic load balancing

Network Features:

- IPv4
- Network Loop Detection & Prevention
- MAC Addresses Supported: 4K
- Jumbo Frames up to 9 KB

Management:

- Web User Interface (HTTP)
- Firmware Upgrade/Backup by HTTP
- Configuration Backup/Restore
- Factory Default
- System Reboot
- Central Management
- DrayTek Switch Management support (from routers)
- DrayTek VigorConnect

Operating Requirements:

- Power Input Requirements: 220-240VAC
- Power supply: External 5V/1A (included)
- Operating Temperature: -0 °C to -40 °C
- Storage Temperature: -20 °C to -70 °C
- Operating Humidity: 10% to 90% RH (non-condensing)

ROHS & CE Compliant Warranty

- Two (2) Year Manufacturer's RTB
- Optional VigorCare Enhanced Warranty Available
 - VigorCare A3 3 Year Subscription: VCARE-A3
 - VigorCare A5 5 Year Subscription: VCARE-A5