DrayTek

VigorSwitch G1080
Smart Lite Gigabit Switch

- 8 Gigabit capable ports
- Support HTTP Web Management
- QoS for application traffic prioritization
- Support 6 VLANS & 1 Trunking Group
- Power saving by 802.3az Energy Efficient Ethernet
- Support Loop Detection & Prevention

The VigorSwitch G1080 is ideal for SOHO and small business with the high-performance capability. To cater for high bandwidth traffic, it is equipped with 8 Gigabit Ethernet ports. VigorSwitch G1080 is equipped with extensive facilities for maximizing your LAN performance, VLAN capability to allow flexible network design, and QoS capability for flexible bandwidth control.
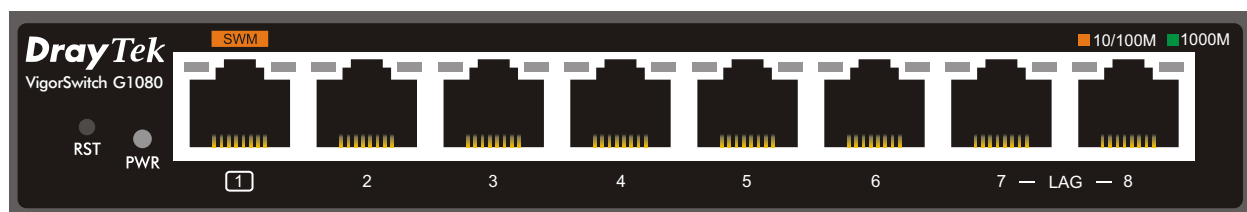
LAN Management
VigorSwitch G1080 offers features that help to build a secure business network, such as VLAN, Storm Control. While allowing visitors to connect to the network for Internet access, these features help to block the visitors' access to business network resources and protect the network from being exhausted by malicious traffic.

Speed up the network by Link Aggregation
If cascading more switches are required, link aggregation will provide the network higher throughput and link redundancy. VigorSwitch G1080 supports link aggregation by LACP (Link Aggregation Control Protocol), 1 Link Aggregation Group can be set up on VigorSwitch G1080, and the group can have up to 2 port members.

Power-saving
The VigorSwitch G1080 helps you build a green networking by offering power-saving features, such as IEEE 802.3az (Energy-Efficient Ethernet), which allows the switch to dynamically adjust the power on each port according to the client activity and cable length, this can be a ideal power saving solution for your company.

Gigabit LAN ports

IP Version
- IPv4

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

QoS
- Support 4 Queues
- Rate Limit
  - Port-based (Ingress/Egress)
- Priority Queue Schedule
  - WFQ
  - Strict Priority
- Class of Service
  - 802.1p CoS

Security
- Supports Storm Control
  - Broadcast
  - Multicast
  - Unicast

Link Aggregation
- Support Link Aggregation Group with Following Pairs
  - GE7 and GE8
- Link Aggregation Control Protocol Only

Network
- Up to 4K MAC Address Table
- Support Jumbo Frame 9KBytes

IGMP Snooping
- Up to 128 Multicast Groups
- IGMP Snooping v2

VLAN
- IEEE802.1Q Tag-based VLAN
  - 6 VLANs Simultaneously

Management
- Firmware Upgrade
- Support HTTP Web User Interface (Access by Password)
- Configuration Upgrade/Backup
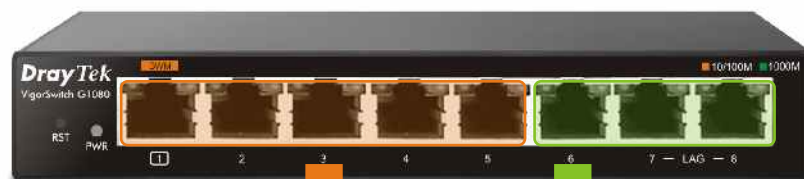- Discovery by Draytek Vigor Series Router

Hardware Interface
- 8 x 10/100/1000Mbps Giga Ethernet, RJ-45
- 1 x Factory Reset Button

Environmental / Physical
- Power
  - External Power Adapter, DC in 5V 1A
- Temperature
  - Operating: 0 ~ 40°C
  - Storage: -20 ~ 70°C
- Humidity
  - Operating: 10 to 90% RH (Non-condensing)
  - Storage: 5 to 90% RH (Non-condensing)
- Dimension: 26(H) x 154.5(W) x 85.3(D) mm

QoS ensures important traffic has high priority

High Priority Ports
- **VoIP/Video**

IP Phone   IPTV

General Ports
- **Internet**

PC   NB   Printer

FC   CE   RoHS