

VigorSwitch G1080

DrayTek

Managed Smart 8-Port Gigabit Switch



Datasheet

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).

The G1080 is an ultra-low power device, consuming under 1A, even when fully loaded. It is powered by an AC/DC adaptor (included). It's a low cost device, ideal for adding additional Ethernet ports to your router with a small footprint.

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

Technical Specification (UK Hardware Spec.)

Physical Interfaces

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

VLAN

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

Quality of Service

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

Link Aggregation:

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

Network Security

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

Network Features

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

IGMP Snooping:

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

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

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

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)

Physical Specification:

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

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**

Box Contents

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

VigorSwitch G1080 8-Port Gigabit Switch

| UK Product Code | EAN | Product Description |
|-----------------|---------------|---------------------|
| VSG1080-K | 4712909124218 | VigorSwitch G1080 |