

- 8 Gigabit capable ports
- PoE power budget up to 140 watts (P1085)
- Dual-stack IPv4/IPv6 conformity for the next generation network
- Support LLDP and SNMP for best management software compatibility
- Advanced QoS for application traffic prioritization
- Voice VLAN for easy VoIP devices setup and prioritize
- Compliant with Switch Management of Vigor Router

The VigorSwitch P1085/G1085 are ideal for SOHO and small business with the high-performance capability. They are equipped with extensive facilities for maximizing your LAN performance, VLAN capability to allow flexible network design, and QoS capability for flexible bandwidth control.

Virtual LAN

VLAN provides a way for businesses to assign network functions to different workgroups, branches, sections, employees or visitors, according to their operational requirements. The Voice VLAN function of VigorSwitch P1085/G1085 assign a preset VLAN profile with appropriate level of QoS for VoIP traffic.

Quality Of Service

Improve the performance of critical traffic by prioritizing the traffic with CoS, DSCP, and IP Precedence tag. High priority packet streams experience less delay inside the switch, which supports lower latency for certain delay-sensitive traffic.

IP Conflict Prevention

It is common that a company network consists of not only servers and PC, but also IoT devices, printer, IP cameras, and a lot more. Stability would always be the top priority, and IP conflict is one of the causes of unstable connections. In the past, the network administrator may need to take a long time to find conflict sources from the big network.

ONVIF-Friendly

ONVIF (Open Network Video Interface Forum) is the communication standard between IP-based physical security products. Supporting ONVIF is a trend in security products, such as a webcam connected to a network video recorder, a webcam connected to the monitoring software, and an access control system.

PoE for Efficient Installation (P1085)

8-PoE ports allow power to be supplied to end devices, directly through the existing LAN cables, eliminating costs for additional AC wiring and reducing Installation Cost. It frees your wireless AP deployment from restriction due to power outlet location.

	Devices	Max. Watts PoE Output	Max. Watts per port at full capacity
802.3af	8	15.4	15.4
802.3at	4	30	

Central Switch Management

VigorSwitch P1085/G1085 are compliant with Central Management feature of Vigor Router, which means it can be managed through the Vigor Router's management page, this allows the network administrator to configure, monitor, and maintain all the switches on the network easily from one single portal.



IP Version

- IPv4
- IPv6

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 802.1p Class of Service
- IEEE 802.1d Spanning Tree
- IEEE 802.1w Rapid Spanning Tree
- IEEE 802.3ad Port Trunk with LACP
- IEEE 802.1AB Link Layer Discovery Protocol (LLDP)
- IEEE 802.1az Energy Efficient Ethernet

QoS

- Support 8 Hardware Queues
- Rate Limit
 - Port-based (Ingress/Egress)
- Queue Setting
 - WRR
 - Strict Priority
- Class of Service
 - 802.1p CoS
 - DSCP
 - CoS-DSCP
 - IP Precedence

Security

- Support Storm Control
- DoS Attack Prevention

Multicast

- Up to 256 Multicast Groups
- IGMP Snooping v2/v3 (BISS)
 - IGMP Querier
 - Immediate Leave

Link Aggregation

- Supports 8 Link Aggregation Groups with Static & LACP types
- Up to 8 Ports for Each Group
- Support Traffic Load Balancing

PoE (P1085)

- PoE Mode:
 - Switch allocates sufficient power the PoE PD asked for, and dynamically distribute power to all devices.
- Status:
 - Status includes class and consumed power by Pds.
- Schedule

Diagnostics

- CPU/RAM/Port Utilization
- Event Log
- Port Mirroring
- Ping
- Port-based Cable Test

Environmental / Physical

- Power
 - Voltage: 100 ~ 240VAC
 - PoE Power Budget: 140 Watt
- 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: 45(H) x 441(W) x 270(D) mm

VLAN

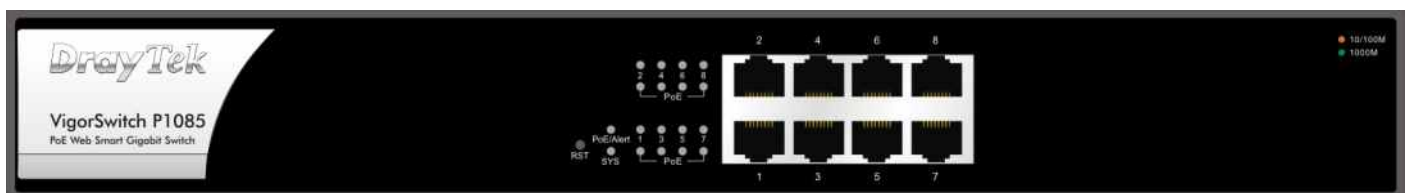
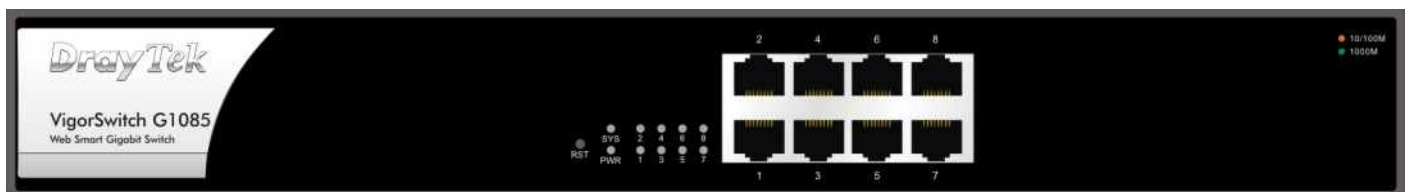
- Support IEEE 802.1Q VLAN
 - Tag-based
- Protected Port
- Voice VLAN (OUI Mode)
- Management VLAN

Management

- Multiple User Account
 - Two-level Security (Admin/User)
- HTTP(s) Web User Interface
- HTTP(s)/TFTP Upgrade/Backup of
 - Firmware
 - Configuration
- Simple Network Time Protocol
- Link Layer Discovery Protocol
- Simple Network Management Protocol v1/v2c
 - MIB-II System & Interface Groups
 - Support Generic Traps
- Command Line Interface (CLI) via Telnet/SSH
- DrayTek Switch Management
- ONVIF

Hardware Interface

- 8 x 10/100/1000Mbps Giga Ethernet, RJ-45 (G1085)
- 8 x 10/100/1000Mbps Giga Ethernet with PoE+ PSE, RJ-45 (P1085)
- 1 x Factory Reset Button



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Gigabit LAN ports