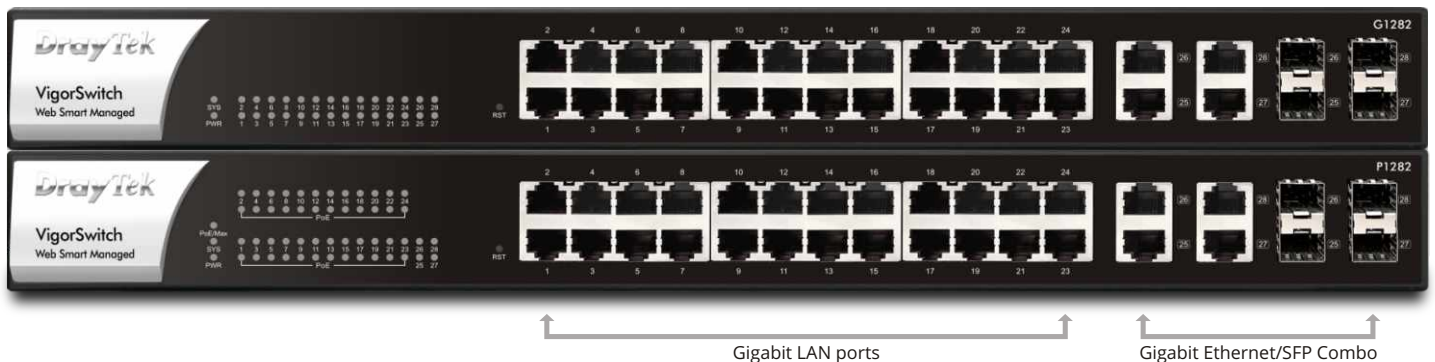


VigorSwitch G1282/P1282

28-Port Web Smart Gigabit Switch



DrayTek VigorSwitch G1282/P1282 is a Web Smart Gigabit switch. It has 24x Gigabit Ethernet ports, 4x GbE/SFP combo ports. Equipped with enterprise-level features, including IP Conflict Detection & Prevention, ONVIF Surveillance, and ping watchdog. VigorSwitch G1282/P1282 is a managed switch that brings network security and stability into mid-sized environments.



Gigabit LAN ports

Gigabit Ethernet/SFP Combo

Interface

| | |
|----------|---|
| LAN Port | 24 x 10/100/1000 Mbps Gigabit Ethernet, RJ-45 4 x Gigabit Ethernet/SFP Combo |
| Button | 1 x Factory Reset |

Capacity

| | |
|--------------------|----------------------|
| Buffer Size | 4.2 Mbit |
| Switching Capacity | 56 Gbps |
| Forwarding Rate | 41.7 Mpps (64 bytes) |
| MAC Address Table | 8k |
| Jumbo Frame | Up to 9KB |

PoE (P1282)

| | |
|---------------------|---|
| PoE Capable Ports | 24 |
| PoE Standards | PoE/PoE+ (802.3af/802.3at), Type mode A |
| PoE Power Budget | 400 watts |
| Power Limit | • |
| Scheduled On/Off | • |
| Power Cycle on Port | Manual, Ping Watchdog |

Networking Standards

| | |
|--------------------|---|
| IP Version | IPv4, IPv6 |
| Ethernet Standards | 802.3af PoE/802.3at PoE+ (P1282) 802.3 10Base-T 802.3u 100Base-T 802.3ab 1000Base-T 802.1q Tag-based VLAN 802.3x Flow Control 802.3 Auto-Negotiation 802.1p Class of Service 802.1d STP 802.1w RSTP 802.3ad LACP 802.1AB LLDP 802.3az EEE |

VLAN

| | |
|--------------------|---|
| Max.Number of VLAN | 256 |
| VLAN Type | 802.1q Tag-based MAC-based Management VLAN Voice VLAN Surveillance VLAN |
| Port Isolation | • |

ONVIF Surveillance

| | |
|---------------------------|--|
| Discovery | • |
| Surveillance Topology | • |
| Real-Time Video Streaming | • |
| 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 | • |

Security

| | |
|------------------------|--|
| Access Control List | MAC, IPv4, IPv6 |
| Storm Control | Broadcast, Unknown Multicast, Unknown Unicast |
| DoS Defense | • |
| IP Source Guard | • |
| IP Conflict Detection | • |
| IP Conflict Prevention | • |
| Loop Protection | • |

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 | • |

Management

| | |
|----------------------------|---|
| Web Interface | HTTP, HTTPS |
| Command Line Interface | Telnet, SSH v2 |
| OpenVPN Client | Certificate-based authentication |
| SNMP | v1, v2c, v3 |
| Mail Alert | Port Status, Port Speed, System Restart, IP Conflict |
| LLDP | • |
| Syslog | • |
| 2-Level Admin Privilege | • |
| Multiple Admin Accounts | • |
| Managed by VigorRouter SWM | • |
| Managed by VigorConnect | • |
| Managed by VigorACS | • |
| Config File Export/Import | • |
| SNTP | • |
| Diagnostics Tools | Port Mirroring, Ping, Cable Test |

Physical

| | |
|-----------------------|--------------------------|
| Operating Temperature | 0 to 50°C |
| Storage Temperature | -20 to 70°C |
| Operating Humidity | 10 to 90% non-condensing |
| Storage Humidity | 5 to 90% non-condensing |