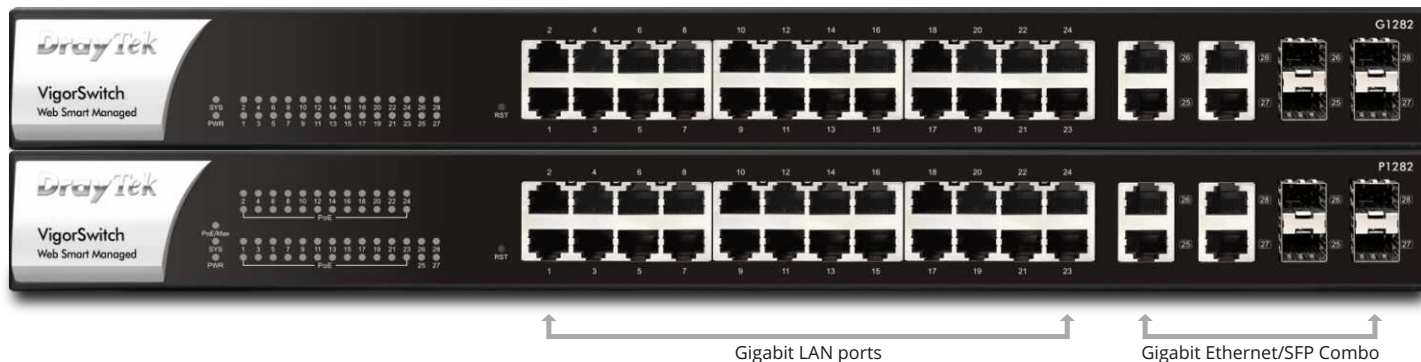


VigorSwitch G1282/P1282

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