

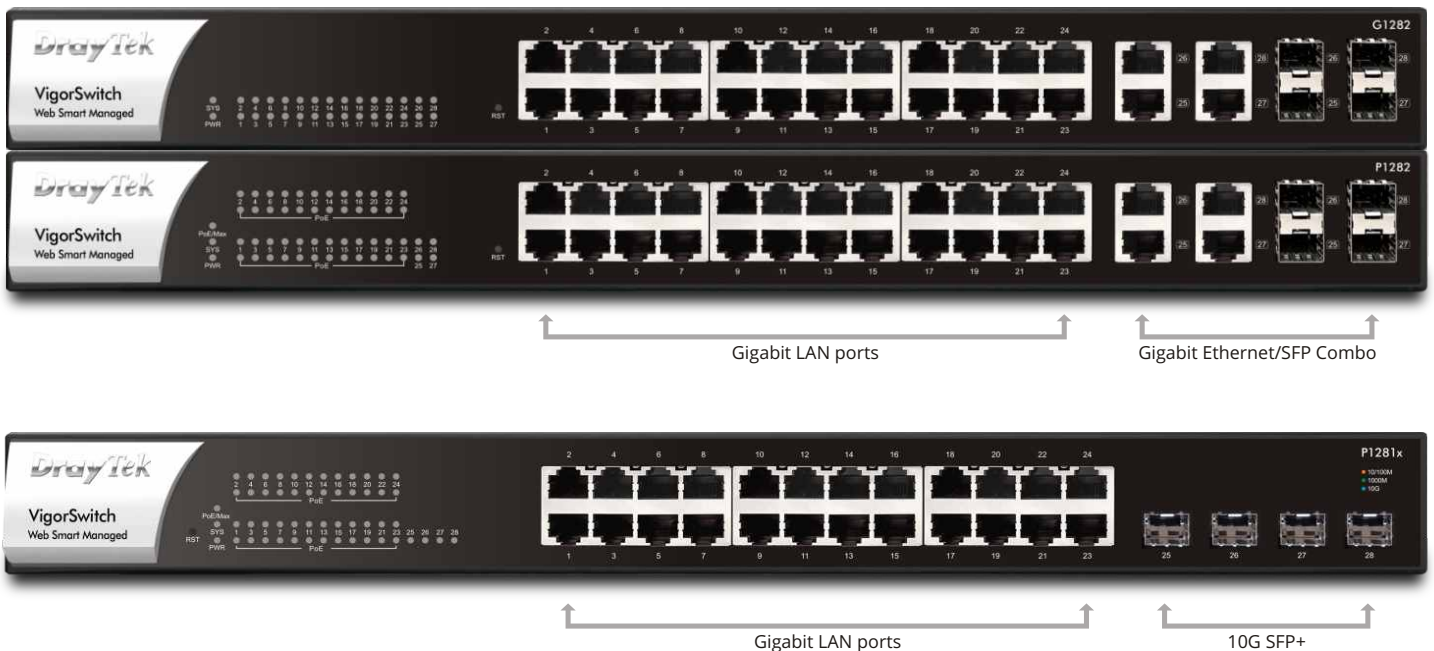
# DrayTek

## VigorSwitch G1282/P1282/P1281x

### 28-Port Web Smart Gigabit Switch



VigorSwitch G1282/P1282/P1281x is a Web Smart Gigabit switch that brings network security and stability into mid-sized environments. Equipped with enterprise-level features, including IP Conflict Detection & Prevention, ONVIF Surveillance, and ping watchdog.



#### Interface

Ports	24 x 10/100/1000 Mbps Gigabit Ethernet, RJ-45 4 x Gigabit Ethernet/SFP Combo (G1282/P1282) 4 x 10G SFP+ (P1281x)
Button	1 x Factory Reset

#### Performance

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/P1281x)

PoE+ (802.3af/at) Ports	24
PoE Power Budget (watts)	400 (P1282) 140 (P1281x)
Scheduled On/Off	•

## Standard Compliance

Ethernet Standards	802.3af PoE/802.3at PoE+ (P1282/P1281x) 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
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## VLAN

Max.Number of VLAN	512
VLAN Type	802.1q Tag-based MAC-based Protocol-based Management VLAN Voice VLAN Surveillance VLAN

## ONVIF Surveillance

Discovery	•
Surveillance Topology	•
Real-Time Video Streaming	•
ONVIF Device Maintenance	Device Info, Network Settings, Reboot Time Settings, Reset to Factory Default

## QoS

Number of QoS Queues	8
Queue Scheduling	SPQ, WRR
CoS (Class of Service)	CoS, DSCP, CoS-DSCP, IP Precedence
Rate Limit & Shaping	•

## Security

IP Source Guard	•
Traffic Control	DoS Defense, Storm Control
IP Conflict Prevention	•
Loop Protection	•

## Spanning Tree

STP	•
RSTP	•

## Link Aggregation

Max. Number of Group	8
Max. Number of Member in Each Group	8
Type	Static, LACP
Traffic Load Balancing	•

## Multicast

IGMP Snooping	v2, v3 (BISS)
IGMP Querier	•

## Management

Local Service	HTTP, HTTPS, Telnet, SSH v2
Config Backup/Restore	•
2-Level Administration Privilege	•
Access Control	Access List
OpenVPN Client	•
SNMP	v1, v2c, v3
SNTP (Simple Network Time Protocol)	•
LLDP	•
Mail Alert	Port Status, Port Speed, System Restart, IP Conflict, Hardware Monitor, Device Check, ONVIF IP Cam Snapshot
VigorRouter Management (SWM)	•
VigorConnect Management	•
VigorACS Management	•

## 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