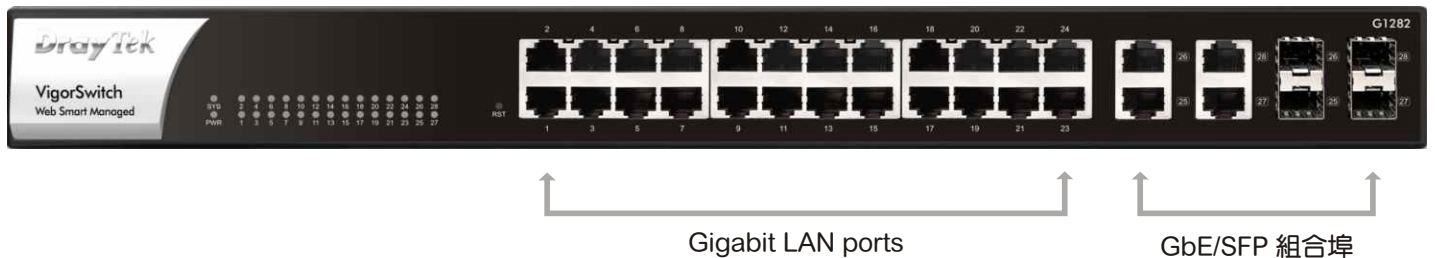


## VigorSwitch G1282

28埠Web管理型Gigabit 交換器



DrayTek VigorSwitch G1282 是一款Web管理型的Gigabit網路交換器。備有24個Gigabit Ethernet以及4個GbE/SFP組合埠，具備企業及規格與功能，包括IP衝突偵測/預防、ONVIF監控以及ping watchdog。VigorSwitch G1282 管理型網路交換器可提供中小企業安全與穩定的公司網路。



### 介面

|     |                                      |
|-----|--------------------------------------|
| LAN | 24 x 10/100/1000Mbps Ethernet, RJ-45 |
|     | 4x Gigabit Ethernet/SFP 組合埠          |
| 按鍵  | 1 x 重置鍵                              |

### 效能

|         |                      |
|---------|----------------------|
| 封包緩衝區   | 4.2 Mbit             |
| 背板頻寬    | 56 Gbps              |
| 交換轉送率   | 41.7 Mpps (64 bytes) |
| MAC位址數量 | 8k                   |
| 巨型封包    | 最多至9KB               |

### Networking Standards

|                    |                          |
|--------------------|--------------------------|
| IP Version         | IPv4, IPv6               |
| Ethernet Standards | 802.3af PoE/802.3at PoE+ |
|                    | 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<br>MAC-based<br>Management VLAN<br>Voice VLAN<br>Surveillance VLAN |
| Port Isolation     | •   |

## ONVIF Surveillance

|                           |  |
|---------------------------|--|
| Discovery                 | •  |
| Surveillance Topology     | •  |
| Real-Time Video Streaming | •  |
| ONVIF Device Maintenance  | Device Info, Reset Factory Default,<br>Time Settings, Reboot |

## QoS

|                        |  |
|------------------------|--|
| Number of QoS Queues   | 8  |
| Queue Scheduling       | SPQ, WRR                                     |
| CoS (Class of Service) | 802.1p CoS, DSCP, CoS-DSCP,<br>IP Precedence |
| Rate Limit & Shaping   | •  |

## Security

|                        |  |
|------------------------|--|
| Access Control List    | MAC, IPv4, IPv6                                  |
| Storm Control          | Broadcast, Unknown Multicast,<br>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<br>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,<br>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                        |

## 物理特性

|        |                          |
|--------|--------------------------|
| 操作溫度範圍 | 0 to 50°C                |
| 儲存溫度範圍 | -20 to 70°C              |
| 操作濕度範圍 | 10 to 90% non-condensing |
| 儲存濕度範圍 | 5 to 90% non-condensing  |