

## VigorSwitch Q1070x Series

### 2.5GbE Smart Lite Managed Switch



DrayTek VigorSwitch Q1070x Series features 2.5GbE ports for LAN and 10G SFP+ ports for uplink/downlink. VigorSwitch Q1070x Series is a high-performance network switch designed to enhance connectivity and efficiency in business and enterprise environments. Supporting features such as VLAN, Storm Control, Quality of Service and Loop Detection. The VigorSwitch Q1070x series also includes the VigorSwitch PQ1070x, featuring 5 PoE+ ports for powering access points, IP cameras, and other PoE devices.



### Interface

- 1 5 x 2.5GbE RJ-45 (Q1070x)  
5 x PoE/PoE+ 2.5GbE RJ-45 (PQ1070x)
- 2 2 x SFP+ Ports

### Performance

|                                  |       |
|----------------------------------|-------|
| Buffer Size (Mbit)               | 8     |
| Switching Capacity (Gbps)        | 65    |
| Forwarding Rate (64 bytes)(Mpps) | 48.36 |
| MAC Address Table                | 16k   |
| Jumbo Frame (KB)                 | 10    |

## Standard Compliance

|                    |                                                                                                                                                                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet Standards | 802.3af PoE/802.3at PoE+ (PQ1070x)<br>802.3 10Base-T<br>802.3u 100Base-T<br>802.3ab 1000Base-T<br>802.3bz 2.5GBase-T<br>IEEE802.3ae 10GBase-X<br>802.3x Flow Control<br>802.3 Auto-Negotiation<br>802.3ad LACP<br>802.1AB LLDP<br>802.3az EEE |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Spanning Tree

|      |   |
|------|---|
| STP  | • |
| RSTP | • |

## VLAN

|           |                                                              |
|-----------|--------------------------------------------------------------|
| VLAN Type | Port-based VLAN<br>802.1q Tag-based VLAN*<br>Management VLAN |
|-----------|--------------------------------------------------------------|

## Multicast

|               |        |
|---------------|--------|
| IGMP Snooping | v1, v2 |
| MLD Snooping  | v1, v2 |

## QoS

|                        |                                    |
|------------------------|------------------------------------|
| Number of QoS Queues   | 4                                  |
| Queue Scheduling       | SPQ, WRR                           |
| CoS (Class of Service) | CoS, DSCP, CoS-DSCP, IP Precedence |
| Rate Limiting          | •                                  |

## Security

|                 |               |
|-----------------|---------------|
| Traffic Control | Storm Control |
| Loop Protection | •             |

## Management

|                                     |             |
|-------------------------------------|-------------|
| Local Service                       | HTTP, HTTPS |
| Config Backup/Restore               | •           |
| Dual Image                          | •           |
| Access Control                      | Access List |
| SNMP                                | v1, v2c     |
| SNTP (Simple Network Time Protocol) | •           |
| LLDP                                | •           |

## PoE (PQ1070x)

|                          |    |
|--------------------------|----|
| PoE Power Budget (watts) | 75 |
|--------------------------|----|

## Physical

|                       |                          |
|-----------------------|--------------------------|
| Operating Temperature | 0 to 45°C                |
| Storage Temperature   | -20 to 70°C              |
| Operating Humidity    | 10 to 90% non-condensing |
| Storage Humidity      | 5 to 90% non-condensing  |