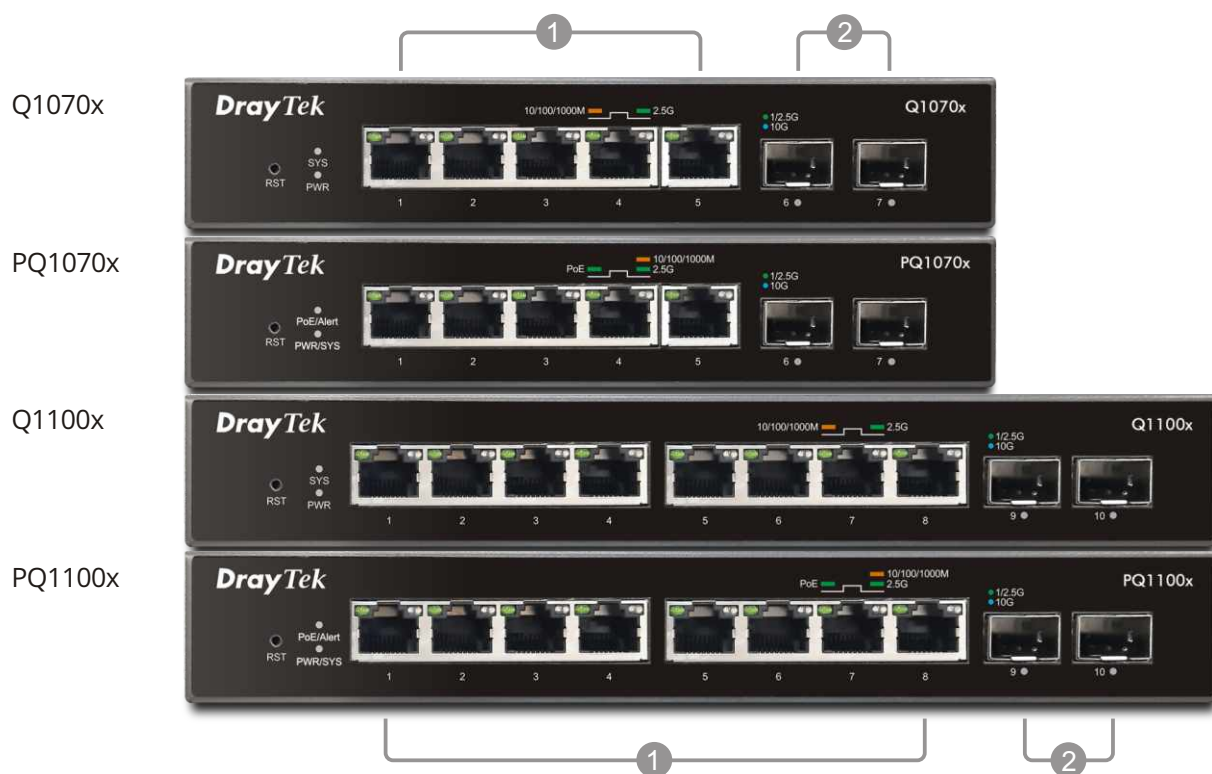


## VigorSwitch Q1070x/Q1100x Series

### 2.5GbE Smart Lite Managed Switch

DrayTek VigorSwitch Q1070x/Q1100x Series features 2.5GbE ports for LAN and 10G SFP+ ports for uplink/downlink. VigorSwitch Q1070x/Q1100x Series is a high-performance network switch designed to enhance connectivity and efficiency in business and enterprise environments. The VigorSwitch Q1070x/Q1100x series also includes the VigorSwitch PQ1070x and PQ1100x models, featuring 5 PoE+ ports on the PQ1070x and 8 PoE+ ports on the PQ1100x 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)  
8 x 2.5GbE RJ-45 (Q1100x)  
8 x PoE/PoE+ 2.5GbE RJ-45 (PQ1100x)
- ② 2 x SFP+ Ports

#### Performance

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Buffer Size (Mbit)               | 8                                              |
| Switching Capacity (Gbps)        | 65 (Q1070x series)<br>80 (Q1100x series)       |
| Forwarding Rate (64 bytes)(Mpps) | 48.36 (Q1070x series)<br>59.52 (Q1100x series) |
| MAC Address Table                | 16k                                            |
| Jumbo Frame (KB)                 | 10                                             |

## Standard Compliance

|                    |                                                                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet Standards | 802.3af PoE/802.3at PoE+ (PQ1070x/PQ1100x)<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>802.1q Tag-based VLAN<br>802.3ad LACP<br>802.1AB LLDP<br>802.3az EEE |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Spanning Tree

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

## VLAN

|                    |                             |
|--------------------|-----------------------------|
| Max.Number of VLAN | 8                           |
| VLAN Type          | 802.1q Tag-based Management |

## 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

|                          |                               |
|--------------------------|-------------------------------|
| PoE Power Budget (watts) | 75 (PQ1070x)<br>120 (Pq1100x) |
|--------------------------|-------------------------------|

## 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  |