

VigorSwitch PX2060

10Gb Ethernet PoE++ Layer 2+
Managed Switch with 4 x 10GbE
ports & 2 x 10Gbps SFP+ slots



[Datasheet](#)

Product Overview

VigorSwitch PX2060 is a 10 Gigabit switch with 4 PoE++ 10GbE ports (total of 140W output) and 2 additional independent SFP+ 10Gbps interfaces. Ideal for usage with devices where there are throughput demands beyond 1Gbps, such as PoE++ Wi-Fi 7 access points, high bandwidth video or network attached storage.

This compact in size networking switch helps with expanding the network in critical areas where fast 10GbE interfaces are needed, supported by 10Gbps SFP+ uplink slots.

Key Features & Benefits

Fully 10 Gigabit Performance

Delivers true end-to-end 10 Gigabit performance with four 10GbE RJ45 ports and two 10G SFP+ slots. Designed to eliminate network bottlenecks, it provides ultra-fast connectivity from core to access layer, making it ideal for high-bandwidth environments and next-generation Wi-Fi deployments.

Benefits: Enables full 10G connectivity across your network.

Advanced Layer 2+ Features

The PX2060 offers comprehensive Layer 2+ capabilities, including VLAN routing, QoS and link aggregation, enabling efficient traffic management and network optimisation for business environments.

Benefits: Optimises traffic with advanced L2+ features.

PoE++ Power for High-Demand Devices

Equipped with PoE++, the PX2060 provides up to 140W PoE budget, delivering sufficient power for advanced devices like Wi-Fi access points, PTZ cameras and smart office equipment. Intelligent PoE management ensures reliable power distribution and operational efficiency.

Benefits: Delivers up to 60W per port for power-hungry devices.

Smart Management and Monitoring

Manage and monitor your network effortlessly with a full suite of management options, including web UI, CLI, SNMP and centralised platforms. The PX2060 integrates with DrayTek management systems for streamlined deployment and maintenance.

Benefits: Simplifies network control with central management.

Great Security Features

Protect your network against unauthorised access and network issues with advanced security features including 802.1X authentication, IP Conflict Prevention, DHCP Snooping and IP Source Guard. Port-based access control and authentication mechanisms ensure secure and controlled network access.

Benefits: Secure and control access to your network.

Compact & Flexible Deployment

Built in a solid metal enclosure, the PX2060 features a compact and narrow form factor ideal for space-constrained environments. It supports desktop, wall or rack mounting with optional brackets, giving flexibility across different installation scenarios.

Benefits: Compact design enables flexible mounting options.

Key Specification

- 4 x RJ-45 multi-Gigabit Ethernet Ports (10G/5G/2.5G/1G/100M) with PoE++ (Type 3)
- 2 x SFP+ 10GbE Ports for Uplink / Fibre
- PoE (Power-over-Ethernet) for IP phones, wireless access points, IP Cameras etc.
- 140-watt Power-over-Ethernet budget
- 802.1q VLANs with Dynamic MAC-based, Voice & Surveillance VLAN
- VLAN Routing & Static Route with DHCP server / relay
- QoS for Application traffic prioritisation
- 802.1x RADIUS / TACACS+ Port Authentication with Accounting
- Voice VLAN for QoS (OUI Mode)
- Link Aggregation
- IGMP Snooping & Querying
- IPv4 and IPv6 Support with IP Conflict Prevention
- Centrally managed or standalone operation

VigorSwitch PX 2060 Models

UK Product Code	EAN	Product Name	Product Description
VSPX2060-K	4711637180145	VigorSwitch PX2060 (UK/IE)	VigorSwitch PX2060 10Gb Ethernet PoE++ Layer 2+ Managed Switch with 4 x 10GbE ports & 2 x 10Gbps SFP+ slots

Technical Specification (UK Hardware Spec.)

Physical Interfaces

- 4 RJ-45 Ethernet PoE++ Ports – 100M/1G/2.5G/5G/10Gbps
- 2 SFP+ Ports – 1Gbps / 10Gbps
- Factory Reset Button
- DC Power Input (via external power adaptor - provided)

PoE Specification

- 4-port 802.3af/at/bt (PoE++) with up to 60W per port
- 140 Watts Total PoE Power Budget
- Auto Detection of Powered Device (PD) and Consumption Levels
- Per Port PoE Status LED Indicators
- Alert LED for high PoE Usage
- Port Power Consumption Monitoring via Web Interface & CLI
- PoE PD Monitoring & Maintenance Features (per port)
 - Scheduling
 - PoE PD Priority
 - Restart PoE PD if not responding

VLAN

- 802.1q Tag-based VLAN
- Port-based and MAC-based VLANs
- QinQ (Basic)
- GVRP – General VLAN Registration Protocol
- Up to 512 VLANs (out of 4096 VLAN IDs)
- Voice VLAN (OUI Mode)
- Surveillance VLAN (OUI Mode)
- Management VLAN
- Port Isolation

QoS

- Support 8 priority queues
- Port-Based rate control (Ingress & Egress)
- Priority queue schedule (WRR or Strict Priority)
- Rate Limit
- Class of Service
 - 802.1p CoS
 - DSCP
 - CoS-DSCP
 - IP Precedence

Network Security

- Storm Control (Broadcast, Unknown Multicast, Unknown Unicast)
- DoS Attack protection
- AAA Authentication
- MAC Authentication
- Protected Port / Port Isolation
- DHCP Snooping with Option 82
- Loop Detection & Prevention
- Access Control Lists (ACL)
 - Up to 512 ACL Entries
 - Source and destination MAC
 - VLAN ID
 - IPv4/v6 address
 - Protocol
 - TCP/UDP port

Spanning Tree

- Spanning Tree Protocol (STP)
- Rapid Spanning Tree Protocol (RSTP)
- Multiple Spanning Tree Protocol (MSTP)

Link Aggregation

- Combine multiple ports to increase bandwidth
- 8 Aggregation Groups
- Up to 8 ports in each group
- LACP or Static setup
- Supports traffic load balancing

Networking Performance

- Switching Capacity: 160 Gbps
- Forwarding Rate: 119.04 Mpps
- MAC Addresses Supported: 16,000
- Jumbo Frames up to 12KB
- Packet Buffer size: 12Mbit

Multicast

- Up to 256 multicast groups
- Multicast Group Filtering / Throttling
- IGMP Snooping V2/V3 (BISS)
- IGMP Querier
- Multicast VLAN registration
- MLD Snooping V1/V2
 - Immediate Leave
 - Report Suppression
 - IGMP/MLD Querier

AAA

- RADIUS / TACACS+ Authentication
- Multiple AAA Server
- MAC / Inaccessible Authentication bypass
- RADIUS Authentication 802.1X
 - Accounting
 - Guest VLAN
 - Port based Authorisation
 - 802.1X Single/Multi
 - MAC-based
 - Web-based
 - Attribute Assignment
 - User Privilege
 - VLAN
- TACACS+ Authentication
 - Port Authorisation
 - Accounting

ONVIF Surveillance Management

- Discovery of ONVIF-compliant IP Cameras
- Surveillance Topology
- Real-Time Video Streaming
- ONVIF Device Maintenance
 - Device Information
 - Network Settings Configuration
 - Reboot
 - Reset to Factory Default Settings

Management

- Web User Interface (HTTP or HTTPS)
- Command Line Interface (CLI) via SSH/Telnet
- Central Management
 - VigorACS
 - VigorConnect
 - Vigor Router Switch Management (requires router firmware support)
- Firmware Upgrade/Backup via HTTP/HTTPS/TFTP/TR-069
- sFlow traffic monitoring and analysis
- IPv4 & IPv6 Dual-Stack
- LLDP(802.1ab) + MED
- Configuration Backup/Restore
- Factory Default
- System Reboot
- Dual Firmware Image (Active & Backup Firmware)
- OpenVPN Client with Certificate-based auth
- SNMP v1, v2c, v3 (with Generic Traps)
- SNTP (Simple Network Time Protocol)

Diagnostics

- Port status and utilisation display
- CPU and RAM usage display
- MAC Address Table
- Syslog
- Mail alert notifications
- Ping Diagnostics
- Port-based Cable Test

Hardware Monitor

- Remote Monitoring through Web Interface and VigorACS
- Hardware monitoring with data recording and graphical display

Layer 3 Networking Features

- Static Route
- VLAN Routing

IPv4 Features

- DHCP Client
- DNS Client
- DHCP Server
 - Option 82, 66, 67
 - DHCP Relay
 - DHCP Snooping
 - IP Source Guard (DHCP-based)

IPv6 Features

- Auto Configuration
- Static IPv6 Address & Prefix Length
- Static IPv6 Default Gateway
- IPv6 Neighbour Discovery (ND)
- IPv6 Duplicate Address Detection
- ICMPv6
- DHCPv6 Client

General IEEE Standards Compliance

- 802.3af PoE
- 802.3at PoE+
- 802.3bt PoE++
- 802.3 10Base-T
- 802.3u 100Base-T
- 802.3ab 1000Base-T
- 802.3an 10GBase-T
- 802.3x Flow Control Capability
- 802.3 Auto-negotiation
- 802.3ad Port trunk with LACP
- 802.3az Energy Efficient Ethernet
- 802.1q VLAN
- 802.1p Class of Service
- 802.1d Spanning Tree
- 802.1w Rapid Spanning Tree
- 802.1s Multiple Spanning Tree
- 802.1x Port Based Network Access Control
- 802.1ab Link Layer Discovery Protocol (LLDP)
- 802.1ad QinQ

Operating Requirements

- Power Input: 100–240VAC
- Power Supply: External power adaptor (included)
- Maximum Power Consumption: 180W
- Cooling: Active cooling (dual fan)
- Operating Temperature: 0 °C to 50 °C
- Storage Temperature: -20 °C to 70 °C
- Operating Humidity: 10% to 90% (non-condensing)
- Storage Humidity: 5% to 90% (non-condensing)

Physical Specifications

- Dimensions: 215 x 185 x 44 mm (W x D x H)
- Weight: 2.38 kg (excluding SFP modules/cables)

UKCA, ROHS & CE Compliant

Warranty:

- 2 Year Manufacturer's RTB
- Software security updates 3 years after the EOL notification. Please note that this only applies to products sold in the UK
- Optional VigorCare Enhanced Warranty Available
 - VigorCare C3 3 Year Subscription: VCARE-C3
 - VigorCare C5 5 Year Subscription: VCARE-C5

Box Contents

- VigorSwitch PX2060 Network Switch
- Power adaptor (included) and UK power cable
- Quick Start Guide

* - VigorACS subscription required for cloud management.

All specifications are subject to change without notice. The throughput figures are maximum, based on DrayTek internal testing with optimal conditions. The actual performance may vary depending on the different network conditions and applications activated.