DrayTek

VigorSwitch P1092

PoE Smart Lite Gigabit Switch

- 8 Gigabit PoE+ capable ports
- 2 Gigabit SFP ports
- 110-watt PoE power budget
- Port-based & 802.1Q tag-based VLAN
- QoS with 4 priority queues and rate limiting

The VigorSwitch P1092 is ideal for SOHO and small business with the high-performance capability. To cater for high bandwidth traffic, it is equipped with 8 Gigabit Ethernet ports for the LAN side, and 2 SFP ports for the backbone side. VigorSwitch P1092 is equipped with extensive facilities for maximizing your LAN performance, VLAN capability to allow flexible network design, and QoS capability for flexible bandwidth control.

LAN Management

VigorSwitch P1092 offers features that help to build a secure business network, such as VLAN, Storm Control. While allowing visitors to connect to the network for Internet access, these features help to block the visitors' access to business network resources and protect the network from being exhausted by malicious traffic.

Speed up the network by Link Aggregation

If cascading more switches are required, link aggregation will provide the network higher throughput and link redundancy. VigorSwitch P1092 supports link aggregation by LACP (Link Aggregation Control Protocol), up to 2 Link Aggregation Group can be set up on VigorSwitch P1092, and each of the group can have up to 2 port members.

8 PoE+ Capable Ports

All the 8 Ethernet ports of VigorSwitch P1092 are compatible with 802.3at and 802.3af standard, provide up to 30W per port to network devices such as wireless access points, IP phones, and IP surveillance. This reduces the need for power cables and adapters, which lowers the cost of installation, as well as offers the flexibility to install those devices, not being limited by where the power outlets are.

The VigorSwitch P1092 helps you build a green networking by offering power-saving features, such as IEEE 802.3az (Energy-Efficient Ethernet), which allows the switch to dynamically adjust the power on each port according to the client activity and cable length, this can be a ideal power saving solution for your company.

IP Version
- IPv4

Standard Compliance
- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-T
- IEEE 802.3ab 1000Base-T
- IEEE 802.3x Flow Control Capability
- ANSI/IEEE 802.3 Auto-negotiation
- IEEE 802.1Q VLAN
- IEEE 802.1p Class of Service
- IEEE 802.3ad Port Trunk with LACP
- IEEE 802.1az Energy Efficient Ethernet

QoS
- Support 4 Queues
- Rate Limit
  - Port-based (Ingress/Egress)
- Priority Queue Schedule
  - WFQ
  - Strict Priority
- Class of Service
  - 802.1p CoS

Security
- Supports Storm Control
  - Broadcast
  - Multicast
  - Unicast

Link Aggregation
- Support Link Aggregation Group with Following Pairs
  - GE7 and GE8
  - SFP1 and SFP2
- Link Aggregation Control Protocol Only

Network
- Up to 4K MAC Address Table
- Support Jumbo Frame 9KBytes

PoE
- Dynamic Power Budget Distribution
- Enable/Disable per Port on Management UI

IGMP Snooping
- Up to 128 Multicast Groups
- IGMP Snooping v2

VLAN
- IEEE802.1Q Port-based/Tag-based VLAN
  - 8 VLANs Simultaneously

Management
- Firmware Upgrade
- Support HTTP Web User Interface (Access by Password)
- Configuration Upgrade/Backup
- Discovery by Draytek Vigor Series Router

Hardware Interface
- 8 x 10/100/1000Mbps Giga Ethernet with PoE+ PSE, RJ-45 (Each Port can Support Both IEEE 802.3af / 802.3at Mode)
- 2 x 1000Mbps Fiber, SFP Slot
- 1 x Factory Reset Button

Environmental / Physical
- Power
  - Voltage: 100 ~ 240VAC
  - PoE Power Budget: 110 Watt (up to 30Watt per port)
- Temperature
  - Operating: 0 ~ 40°C
  - Storage: -20 ~ 70°C
- Humidity: 5 to 90% RH (Non-condensing)
- Dimension: 44(H) x 265(W) x 184(D) mm

Easy deployment for SOHO and small Business