ION by Iomnis Gigabit PoE+ Layer 2 Managed Switches

Cost-effective, simple-to-use networking solutions

ION-S2108P

Key Features

The ION-S2108P is a full featured Gigabit Ethernet switch with PoE+ support. It provides 8 Gigabit ports that support IEEE802.3at/af PoE+, and 2 SFP slots for fiber transceivering that can extend the reach of the network beyond the limitation of Ethernet cabling. The ION-S2108P allows quick deployment and simplified maintenance as well as seamless upgrades, making it the ideal networking solution for businesses looking for the best combination of features, performance and value.

- 8 Gigabit PoE+ Ports IEEE802.3at/af support
- Layer 2 switching with dynamic IP routing and IPv6
- 2 SFP slots for longer connectivity via fiber uplinks
- Solid performance with non-blocking architecture with 24 Gbps switching capacity
- Supports PoE+ on all ports, providing flexibility to add power-hungry devices such as video phone, IP camera and wireless
- Internal Power Supply with 130 W PoE Budget
- Easy to manage via Web-Based Management GUI for switch deployment
- Dual firmware images, improving reliability and uptime for your network

ION-S21024P

Key Features

The ION-S21024P is a full featured Gigabit Ethernet switch with comprehensive Layer 2 switching capabilities and PoE+ support. It provides 24 Gigabit ports that support IEEE802.3at/af PoE+, and 4 SFP slots for fiber transceivering that can extend the reach of the network beyond the limitation of Ethernet cabling. With rich Layer 2 management features, the ION-S21024P allows quick deployment and simplified maintenance as well as seamless upgrades, making it the ideal networking solution for businesses looking for the best combination of features, performance and value.

- 24 Gigabit PoE+ Ports IEEE802.3at/af support
- Advanced QoS with IPv4/IPv6 ingress traffic filtering (ACLs) and prioritization
- 4 SFP slots for longer connectivity via fiber uplinks and for uplink redundancy and failover
- Solid performance with non-blocking architecture with 104 Gbps switching capacity
- Supports PoE+ on all ports, providing flexibility to add power-hungry devices such as video phone, IP camera and wireless
- Internal Power Supply with 370 W PoE Budget
- IGMP and MLD snooping provides advanced multicast filtering
- Dual firmware images, improving reliability and uptime for your network

ION-S21048P

Key Features

The ION-S21048P is a full featured Gigabit Ethernet switch with comprehensive Layer 2 switching capabilities and PoE+ support. It provides 48 Gigabit ports that support IEEE802.3at/af PoE+ with total PoE Budget of 740 Watts (up to 30 Watts per port), and 4 SFP slots for fiber transceivering that can extend the reach of the network beyond the limitation of Ethernet cabling. With rich Layer 2 management features, the ION-S21048P allows quick deployment and simplified maintenance as well as seamless upgrades, making it the ideal networking solution for businesses looking for the best combination of features, performance and value.

- 48 Gigabit PoE+ Ports IEEE802.3at/af support
- Advanced QoS with IPv4/IPv6 ingress traffic filtering (ACLs) and prioritization
- 4 SFP slots for longer connectivity via fiber uplinks and for uplink redundancy and failover
- Solid performance with non-blocking architecture with 104 Gbps switching capacity
- Supports PoE+ on all ports, providing flexibility to add power-hungry devices such as video phone, IP camera and wireless
- Internal Power Supply with 740 W PoE Budget with each port up to 30 Watts
- IGMP and MLD snooping provides advanced multicast filtering
- Dual firmware images, improving reliability and uptime for your network

Equipped with Rich Layer 2 Features

The **ION** Layer 2 switches includes IGMP Snooping, MLD Snooping, Port Mirroring, Rapid Spanning Tree, Multiple Spanning Tree, Spanning Tree, VLAN group, Voice VLAN, ACL, 802.1X port security, SNMP v1/v2c/v3 and IEEE802.3ad Link Aggregation Control Protocol (LACP). Gigabit PoE (10/100/1000 Mbps) ports and four SFP (copper/hot-swappable small form-factor pluggable) Gigabit ports for optional fiber connectivity. IT network deployments for business, schools, resorts and hotels, or other expansive venues can expect superior performance and reliability at a price point that is much more attractive than from other brands.

Power over Ethernet (PoE)

Power-over-Ethernet (PoE) optimizes the installation and power management of network devices such as wireless Access Points (APs), Voice over IP (VoIP) phones, and IP-based surveillance cameras. In addition, the ION Series switches Power-over- Ethernet (IEEE 802.3at/af) capabilities reduce installation time and costs for many new network productivity devices. Free up your wireless AP deployments and IP cameras from the restrictions of power outlet proximity using a standard Cat 5/6 cable.