Overview

As the next generation high performance 10-Gigabit Ethernet switches , NSW5130-48GT6XP-POE-IN provides high density Gigabit access and non-convergent 10 Gigabit uplink capabilities. Based on the industry's leading high performance hardware architecture, its features include sound layer 2 and 3 processing capabilities, enhanced access security and access control policy, low power consumption. It is ideal for building the next generation Self-Secure, energy-efficient, and virtual secure networks.

Features

- Flexible Gigabit access. With flexible 8/24/48 Gigabit interface access, NSW5130 Series is compatible with non-multiplexed SFP interfaces to enable high density Gigabit access and protect users' investment.
- Multiple services. NSW5130 Series supports multicast protocols such as IGMP, IGMP Snooping , FRRP (fast ring network recovery) protocol and FLRP (fast link recovery protocol).
- Sound security control policy. NSW5130 Series provides multiple authentication modes based on MAC address, 802.1x, and Portal. It supports dynamic or static binding of user identity, such as user account, IP, MAC, VLAN, and interface.
- Rich QoS policy. NSW5130 Series supports traffic identification on interfaces. It provides multiple stream classifications based on source MAC address, destination MAC address, source IP address, destination IP address, TCP/UDP port number, protocol type, and VLAN.
- Outstanding management. Compatible with SNMPv1/v2/v3 standard network management protocol, NSW5130 Series provides CLI command lines and a Web management interface.

Specifications

Model	NSW5130-48GT6XP-POE-IN
Hardware Specification	
Ports Type	48*10/100/1000Mbps RJ45 PoE port, 6*1G/10Gbps SFP+
Switching capacity	216G
Forwarding performance	160.7Mpps
MAC	24K
Max.PoE Power	459W， Maximum PoE power for single port: 30W
Max.Power	60W (excluding PoE)
Power Supply	AC: 100 to 240V, 50/60Hz;
Cooling Fans	3
Indicator	PWR, RUN, LINK/ACT
Dimensions (W×D×H)	442*330*44mm
Weight	5.3kg
Operating Temperature	0℃ to 45℃
Operating Humidity	5% to 95%, non-condensing
Software Specification	
MAC	Support static, dynamic, black hole MAC entries Support source MAC address filtering
Ethernet	Support port aggregation (manual and LACP), port mirroring, RSPAN, port isolation, port traffic identification
VLAN	Support 4K VLAN Support VLAN based on MAC/ IP subnet/authentication policy/interface VLAN Support QinQ
Maintenance	Support real-time temperature detection and alarm Support SNMP, CLI, Web management, Support local and remote output of system logs, operation logs, debugging information
Security	Support local and centralized authentication based on MAC address Support local and centralized authentication based on 802.1x Support dynamic ARP detection, one-click ARP binding, authorized ARP, ARP source suppression, ARP source address inspection Support port isolation, port security Support broadcast storm suppression Support SSH2.0
QoS	Support 8 priority queues per port Support traffic classification based on 802.1p/DSCP/TOS Support speed limit on ports and streams Support SP, WRR, SP + WRR queue scheduling
Reliability	Support STP, RSTP, MSTP
DHCP	Support DHCP Client, DHCP Server, DHCP Snooping
Multicast	Support IGMP Snooping

IP Route	Support static routing, RIPV1/V2, OSPFv1/v2, Policy-Based Routing

Unlimited New View

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