

## Gigabit Ethernet PoE Switch NSW5130-48GT6XP-POE-IN



## 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                                                                                                                                                                                                                                                                                                                                             |
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| Hardware Specification |                                                                                                                                                                                                                                                                                                                                                                    |
| Ports Type             | 48*10/100/1000Mbps RJ45 PoE port,<br>6*1G/10Gbps SFP+                                                                                                                                                                                                                                                                                                              |
| Switching capacity     | 216G                                                                                                                                                                                                                                                                                                                                                               |
| Forwarding performance | 160.7Mpps                                                                                                                                                                                                                                                                                                                                                          |
| MAC                    | 24K                                                                                                                                                                                                                                                                                                                                                                |
| Max.PoE Power          | 459W                                                                                                                                                                                                                                                                                                                                                               |
| 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°C to 45°C                                                                                                                                                                                                                                                                                                                                                        |
| Operating Humidity     | 5% to 95%, non-condensing                                                                                                                                                                                                                                                                                                                                          |
| Software Specification |                                                                                                                                                                                                                                                                                                                                                                    |
| MAC                    | Support static, dynamic, black hole MAC entries<br>Support source MAC address filtering                                                                                                                                                                                                                                                                            |
| Ethernet               | Support port aggregation ( manual and LACP), port mirroring, RSPAN, port isolation, port traffic identification                                                                                                                                                                                                                                                    |
| VLAN                   | Support 4K VLAN<br>Support VLAN based on MAC/ IP subnet/authentication policy/interface VLAN<br>Support QinQ                                                                                                                                                                                                                                                       |
| Maintenance            | Support real-time temperature detection and alarm<br>Support SNMP, CLI, Web management,<br>Support local and remote output of system logs, operation logs, debugging information                                                                                                                                                                                   |
| Security               | Support local and centralized authentication based on MAC address<br>Support local and centralized authentication based on 802.1x<br>Support dynamic ARP detection, one-click ARP binding, authorized ARP, ARP source suppression, ARP source address inspection<br>Support port isolation, port security<br>Support broadcast storm suppression<br>Support SSH2.0 |
| QoS                    | Support 8 priority queues per port<br>Support traffic classification based on 802.1p/DSCP/TOS<br>Support speed limit on ports and streams<br>Support SP, WRR, SP + WRR queue scheduling                                                                                                                                                                            |
| Reliability            | Support STP, RSTP, MSTP                                                                                                                                                                                                                                                                                                                                            |
| DHCP                   | Support DHCP Client, DHCP Server, DHCP Snooping                                                                                                                                                                                                                                                                                                                    |
| Multicast              | Support IGMP Snooping                                                                                                                                                                                                                                                                                                                                              |

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| IP Route | Support static routing |
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# Unlimited New View

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