

## Web-Managed L2 Switch

# NSW5100-8GT2GP-POE-IN



## Overview

NSW5100 Series are the lite managed switches self-developed by Uniview with high performance. This series supports WEB interface configuration, easy to use and maintain. It supports high-speed backplane bandwidth and uplink fiber optic access. It has powerful Layer 2 network switching capabilities and supports security functions such as access control and storm control. In addition, it provides environmentally-enhanced designs, including environmental monitoring and a wide range of operating temperature between 0 to 45°C, helping users save maintenance costs, simplify network management and create a green and low-carbon network utilization.

## Features

- Supports device management on the web interfaces.
- Supports IGMP v1/v2 Snooping, STP/RSTP, ERPS.
- All metal casing, secure and reliable.

## Specifications

| Model                  | NSW5100-8GT2GP-POE-IN                                                                                                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hardware Specification |                                                                                                                                                                                                                                                                                      |
| Ports Type             | 8*10/100/1000Mbps RJ45 PoE port,<br>2*1000Mbps SFP port                                                                                                                                                                                                                              |
| Switching capacity     | 20 Gbps                                                                                                                                                                                                                                                                              |
| Forwarding performance | 14.88 Mpps                                                                                                                                                                                                                                                                           |
| Cooling Fans           | 0                                                                                                                                                                                                                                                                                    |
| Max.PoE Power          | Maximum total power:150W.<br>Maximum PoE power for single port: 30W                                                                                                                                                                                                                  |
| Max.Power              | 160W                                                                                                                                                                                                                                                                                 |
| Power Supply           | AC: 100 to 240V, 50/60Hz;                                                                                                                                                                                                                                                            |
| Weight                 | 1.50kg                                                                                                                                                                                                                                                                               |
| Dimensions (W×D×H)     | 280 × 125 × 44 mm                                                                                                                                                                                                                                                                    |
| Operating Temperature  | 0°C to 45°C                                                                                                                                                                                                                                                                          |
| Operating Humidity     | 5% to 95%, non-condensing                                                                                                                                                                                                                                                            |
| Indicator              | PWR:<br>Steady on: Normal power input.<br>Off: Abnormal power input.<br>PoE:<br>Off: No PoE power supply.<br>Steady on: PoE power supply is normal.<br>LINK/ACT:<br>Off: The port is disconnected.<br>Steady on: The port is connected.<br>Blinking: The port is transmitting data.  |
| Software Specification |                                                                                                                                                                                                                                                                                      |
| MAC                    | 8K, auto-learning, auto-update                                                                                                                                                                                                                                                       |
| Ethernet               | Auto-negotiation, 10/100/1000M half-duplex/full-duplex.<br>Support port rate adjustment.<br>Support port flow control.<br>Support link aggregation (Static-LAG & LACP) .<br>Support port flow statistics .<br>Support port Loopback-detection.<br>Support enabling/disabling ports . |
| VLAN                   | Access/Trunk/Hybrid<br>Default VLAN                                                                                                                                                                                                                                                  |
| Maintenance            | Support a N :1 port mirroring.<br>Allow to import, export, back up, and restore factory defaults on the Web interface.                                                                                                                                                               |
| Security               | MAC/IP ACL<br>Mac Limit                                                                                                                                                                                                                                                              |
| QoS                    | Support traffic classification based on DSCP/TOS.                                                                                                                                                                                                                                    |

|             |                                                                                |
|-------------|--------------------------------------------------------------------------------|
|             | Support speed limit on ports and streams.<br>Support SP, WRR queue scheduling. |
| Reliability | Support STP, RSTP, Support ERPS( single ring).                                 |
| POE         | Allow to enable/disable PoE power supply                                       |
| Multicast   | Support IGMP v1/v2 snooping.                                                   |

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