Web-Managed L2 Switch

# NSW5100-8GT2GP-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℃, helping users save maintenance costs, simplify network management and create a green and low-carbon network utilization.

## Features

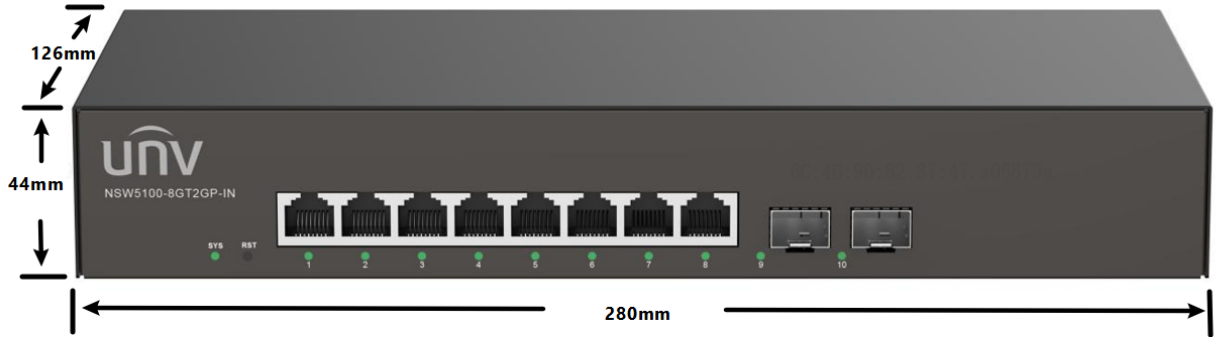
- Supports device management on the web interfaces.
- Supports IGMP v1/v2 Snooping, STP/RSTP, ERPS.
- All metal casing, secure and reliable.

# Specifications

| Model | NSW5100-8GT2GP-IN |
|---|---|
| Hardware Specification | |
| Ports Type | 8*10/100/1000Mbps RJ45 port,<br>2*1000Mbps SFP port |
| Switching capacity | 20 Gbps |
| Forwarding performance | 14.88 Mpps |
| Packet Buffer | 3M bits |
| MAC | 8K |
| Cooling Fans | 0 |
| Max.Power | 10W |
| Power Supply | AC: 100 to 240V, 50/60Hz; |
| Weight | 0.90kg |
| Dimensions (W×D×H) | 280 × 125 × 44 mm |
| Operating Temperature | 0℃ to 45℃ |
| Operating Humidity | 5% to 95%, non-condensing |
| Indicator | PWR:<br>Steady on: Normal power input<br>Off: Abnormal power input<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 | |
| 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 |
| MAC | 8K, auto-learning, auto-update |
| 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<br>Support speed limit on ports and streams<br>Support SP, WRR queue scheduling |
| Reliability | Support STP, RSTP, Support ERPS( single ring) |

| | |
|---|---|
| Multicast | Support IGMP v1/v2 snooping |
| Basic | |
| Installation Type | Desktop, Rack |
| Port Surge Protection | Common mode ±2KV |
| Port ESD Standard | Contact ±6KV, Air ±8KV |
| Certification | CE, FCC |
| Compliance | |
| NDAA Compliant | Support |

# Dimensions



# Unlimited New View

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