

# Lite Cloud Managed Gigabit Ethernet PoE Switch NSW2100-6GT-POE-IN



## Overview

The NSW2100 series Gigabit Ethernet PoE switch is a cloud managed switch self-developed by Uniview with high performance, easy to use and maintain. The product adopts the leading high performance hardware architecture and industrial design concepts to enhance the environmental adaptability of the network. It provides a lightweight 2 layers of network basic configuration, including port mirroring, port anti-loop, VLAN, link aggregation, flow control, etc. It supports viewing the device status and managing devices on the Web or app. The switch meets the user's requirements to access the network with highly reliability and low cost, widely used in scenarios such as stores, supermarkets, enterprises, campuses, etc.

## Features

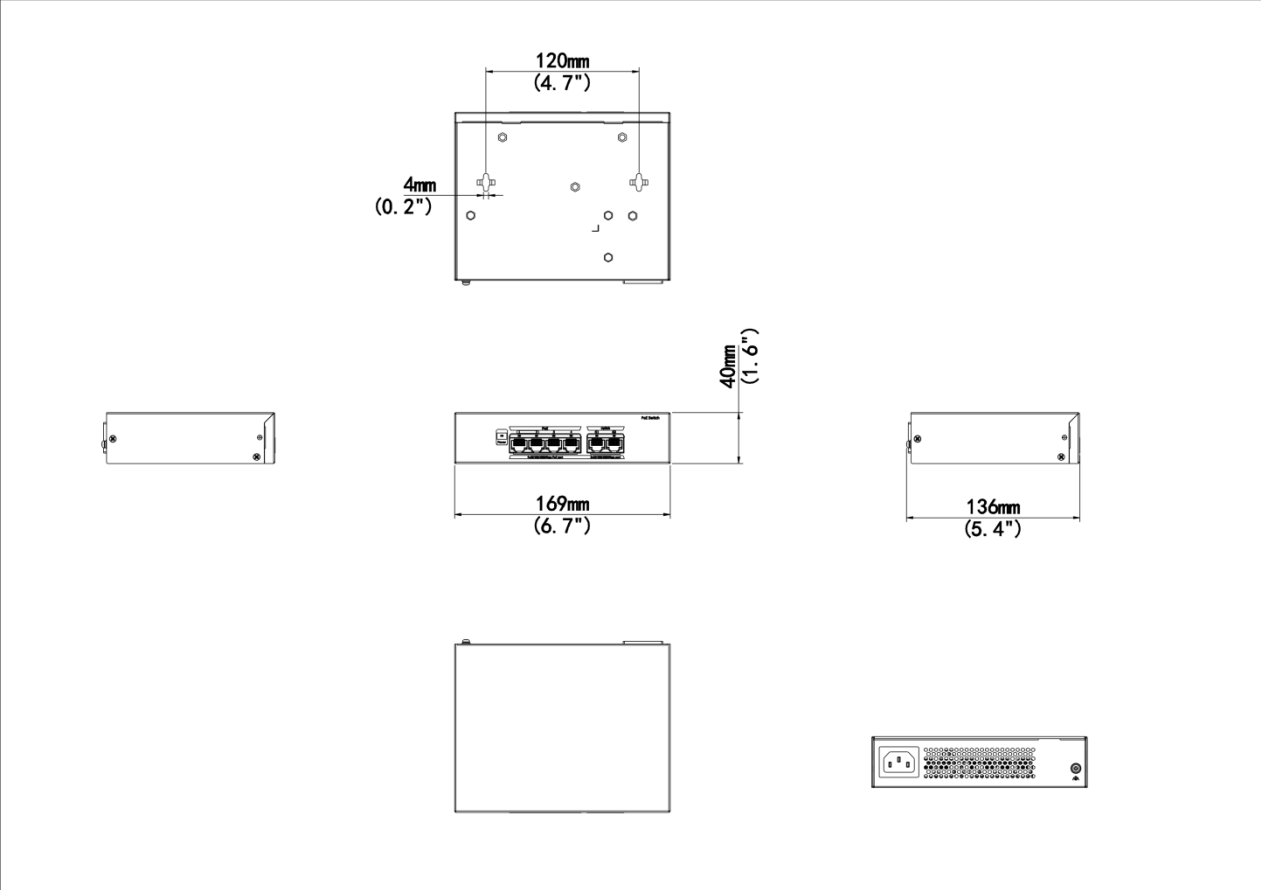
- Supports Web login, and device configuration and management on the Web interface.
- Supports visiting the cloud by scanning the QR code. Allows to view the device status in real time on the app, and remotely restart the PoE power supply.
- Supports PoE power supply ; allows to enable or disable PoE power supply for the powered device; allows up to 250m power supply using a standard network cable.
- Supports the extend mode for up to 250m communication range and 10Mbps auto-negotiation rate.
- Supports port priority. The priority port will be powered first when the PoE power supply is full.
- All metal casing, secure and reliable.

## Specifications

| Model                  | NSW2100-6GT-POE-IN                                                                                                                                                                                                                                                                         |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hardware Specification |                                                                                                                                                                                                                                                                                            |
| Ports Type             | 4x 10/100/1000Mbps PoE port (RJ45)<br>2 x 10/100/1000Mbps port (RJ45)                                                                                                                                                                                                                      |
| Switching capacity     | 12Gbps                                                                                                                                                                                                                                                                                     |
| Forwarding performance | 8.92Mpps                                                                                                                                                                                                                                                                                   |
| Packet Buffer          | 1 M bit                                                                                                                                                                                                                                                                                    |
| MAC                    | 2K                                                                                                                                                                                                                                                                                         |
| Prior Ports            | 1 to 2                                                                                                                                                                                                                                                                                     |
| Standards              | IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x,IEEE802.3af,IEEE802.3at,                                                                                                                                                                                                            |
| Dimensions (W×D×H)     | 169*132*40mm                                                                                                                                                                                                                                                                               |
| Power Supply           | AC: 100V to 240V, 50/60Hz                                                                                                                                                                                                                                                                  |
| PoE Standard           | IEEE 802.3af, IEEE 802.3 at                                                                                                                                                                                                                                                                |
| PoE Mode               | ModeA (1236),ModeB (4578)                                                                                                                                                                                                                                                                  |
| Max.PoE Power          | Max capacity:65W<br>Maximum PoE power for single port: 30W                                                                                                                                                                                                                                 |
| Max.Power              | 70W                                                                                                                                                                                                                                                                                        |
| Cooling Fans           | 0                                                                                                                                                                                                                                                                                          |
| Weight                 | 0.65KG                                                                                                                                                                                                                                                                                     |
| Operating Temperature  | 0°C to 45°C (32°F to 113°F)                                                                                                                                                                                                                                                                |
| Operating Humidity     | 10% to 90% (noncondensing)                                                                                                                                                                                                                                                                 |
| Indicator              | Power:<br>Off: Abnormal power input.<br>Green: Normal power input.<br>Yellow: The total PoE power is higher than 85% of the total power of the device.<br>Link/Act:<br>Off: Disconnected to the port<br>On: Connected to the port<br>Blinking: Transmitting data                           |
| Software Specification |                                                                                                                                                                                                                                                                                            |
| Ethernet               | Supports full duplex, half duplex, and auto-negotiation working modes.<br>Supports enabling/disabling ports.<br>Supports port auto-negotiation rate.<br>Supports port priority flow control.<br>Supports port flow statistics.<br>Supports two link aggregation groups (up to four ports). |
| VLAN                   | allows up to 6 VLANs with IDs from 1 to 4094                                                                                                                                                                                                                                               |
| MAC                    | Support static MAC, up to 32.                                                                                                                                                                                                                                                              |
| POE                    | Allows to view PoE status and enable/disable PoE power supply in the APP                                                                                                                                                                                                                   |
| Loop Detection         | Loop Detection                                                                                                                                                                                                                                                                             |
| Security               | Supports port isolation                                                                                                                                                                                                                                                                    |

|                |                                                                                                                                                                        |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maintenance    | Supports N:1 port mirroring.<br>Supports device upgrade, factory settings restoration, configuration import, configuration export, and device restart on the software. |
| System         | Allows to view the device name, current version, IP address, MAC address, DNS, etc.<br>Allows to edit and manage the IP address and device name.                       |
| Compliance     |                                                                                                                                                                        |
| NDAA Compliant | Support                                                                                                                                                                |

Dimensions



# Unlimited New View

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