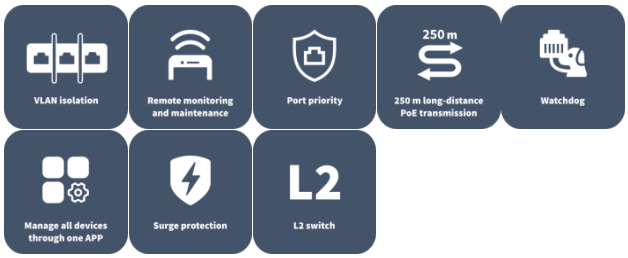
Lite Cloud Managed Gigabit Ethernet PoE Switch

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

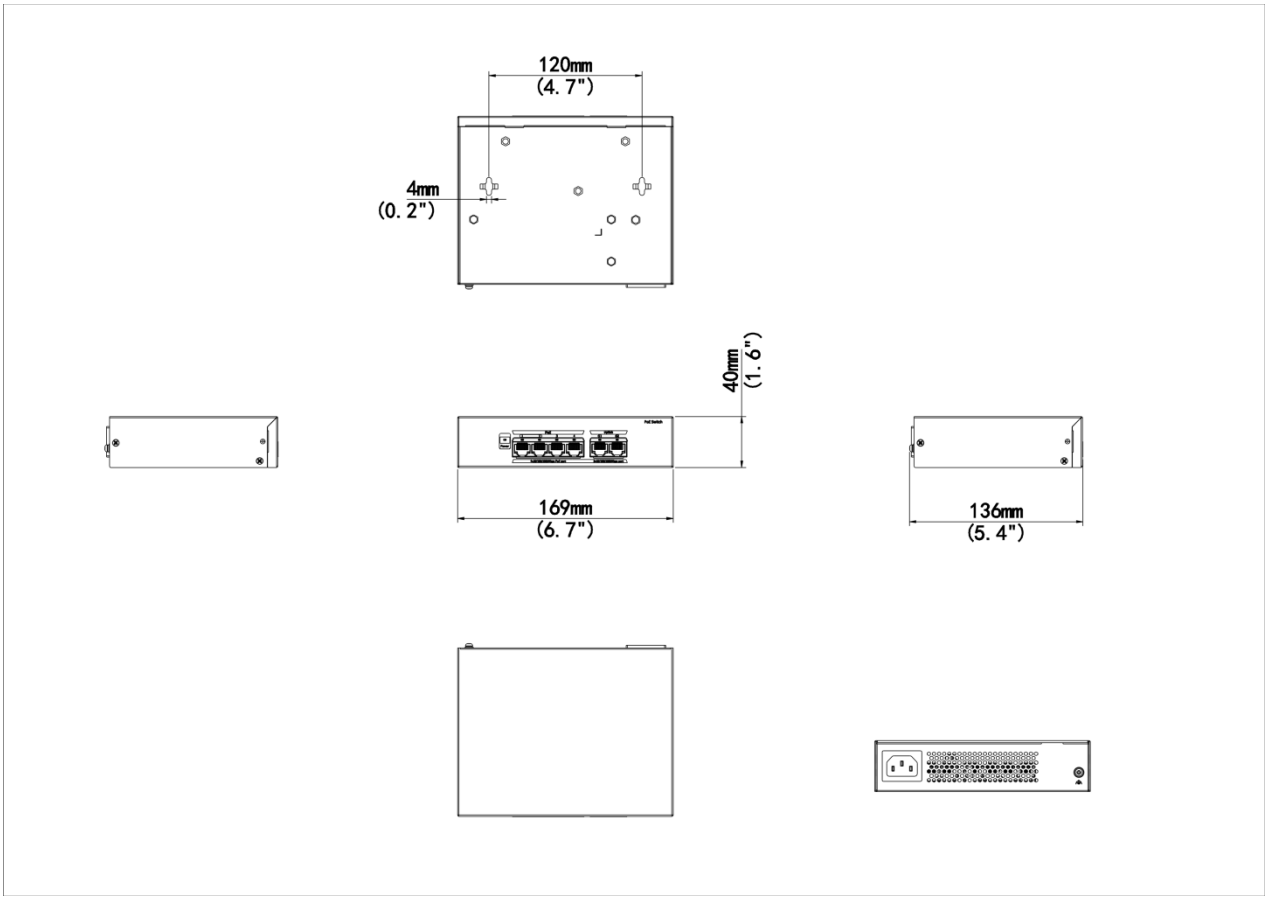
- Supports device configuration and management on the Web interface.
- Supports visiting the cloud by scanning the QR code. Allows to view the device status in real time on the APP.
- Supports PoE power supply . Allows to enable or disable PoE power supply for the powered device; allows up to 250m power supply (Long range performance may vary depend on camera model or cable condition)
- Supports project reports: collects information of all devices in a project and generates reports, such as device model, IP address, serial number, etc.
- Supports an AI assistant powered by large language models (LLMs) for querying, configuring, and maintaining switches.
- 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) 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 Maximum PoE power for single port: 30W
Max.Power	70W
Cooling Fans	0
Weight	0.65KG
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	10% to 90% (noncondensing)
Indicator	Power: Off: Abnormal power input. Green: Normal power input. Yellow: The total PoE power is higher than 85% of the total power of the device. Link/Act: Off: Disconnected to the port On: Connected to the port Blinking: Transmitting data
Software Specification	
Ethernet	Supports full duplex, half duplex, and auto-negotiation working modes. Supports enabling/disabling ports. Supports port auto-negotiation rate. Supports port priority flow control. Supports port flow statistics. 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. 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. Allows to edit and manage the IP address and device name.
Basic	
Installation Type	Desktop,Wall
Port Surge Protection	Common mode ±2KV,Differential mode ±1KV
Port ESD Standard	Contact ±4KV,Air ±8KV
Certification	CE,FCC,UL

Dimensions



Unlimited New View

Zhejiang Uniview Technologies Co., Ltd.

http://www.uniview.com

overseasbusiness@uniview.com; globalsupport@uniview.com

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China

©2025-2026 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

*Product specifications and availability are subject to change without notice.

Despite our best efforts, technical or typographical errors may exist in this document. Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.