

# NSW3000 Series Cloud Managed Ethernet PoE Switch

## Overview

The NSW3000 series 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 auto-discovery of connected video devices and generation of network topology; supports unified management and configuration on the software for rapid maintenance of multiple devices; and 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.

## Image

- NSW3000-16T1GT1GC-POE-IN



- NSW3000-24T1GT1GC-POE-IN



## Features

- Supports unified configuration, management, and search on the software, convenient for rapid operation and maintenance of multiple devices; supports automatically discovering the connected video devices and generating a network topology on the software.

- Supports Web login, and device configuration and management on the Web interface; supports visiting the cloud by scanning the QR code, and allows to view the device status in real time on the app, and remotely restart the PoE power supply.
- Supports PoE power supply and allows to view the power; 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 full-duplex port rate.
- Allows to report port abnormal alarms to the software for realtime monitoring.
- Supports port priority. The packets received by the priority port will be forwarded first and the priority port will be powered first when the PoE power supply is full.
- All metal casing, secure and reliable.

## Specifications

- Hardware

Item	NSW3000-16T1GT1GC-POE-IN	NSW3000-24T1GT1GC-POE-IN
Service port	16 x 10/100Mbps POE port (RJ45) + 1 x Gigabit port (RJ45)+ 1 x Gigabit Combo	24 x 10/100Mbps POE port (RJ45) + 1 x Gigabit port (RJ45) + 1 x Gigabit Combo
Switching capacity	7.2Gbps	8.8Gbps
Packet forwarding rate	5.36Mpps	6.55Mpps
Packet buffer	4Mbit	4Mbit
MAC	16K	16K
Weight	2.1kg	2.9kg
Power supply	AC 100V to 240V, 50/60Hz	AC 100V to 240V, 50/60Hz
PoE standard	IEEE802.3af/at	
PoE power	Maximum total power: 250W Maximum PoE power for single port: 30W	Maximum total power: 370W Maximum PoE power for single port: 30W
PoE power supply mode	Mode A, 1/2+, 3/6- Mode B, 4/5+, 7/8-	Mode A, 1/2+, 3/6- Mode B, 4/5+, 7/8-
Priority ports	1 to 8	1 to 8
Priority QoS	Forwards the packets from the first eight priority ports in the event of data congestion	Forwards the packets from the first eight priority ports in the event of data congestion
Fan	1	1
Dimensions (WxDxH)	440mm x 189.8mm x 44mm	440mm x 244.8mm x 44mm
Operating temperature	0°C to 40°C	
Operating humidity	10% to 90% RH, noncondensing	
Storage temperature	-40°C to 70°C	
Storage	5% to 90% RH, noncondensing	

humidity	
Indicator	Power: Steady on: Normal power input Off: Abnormal power input
	PoE: Off: The PoE port is not supplying power Steady on: The PoE port is supplying power normally
	Link/Act: Off: Disconnected to the port On: Connected to the port Blinking: Transmitting data
	MAX: Off: The total PoE power is less than 80% of the total power of the device Steady on: The total PoE power is higher than 85% of the total power of the device

● Software

Service	NSW3000-16T1GT1GC-POE-IN	NSW3000-24T1GT1GC-POE-IN
Ethernet	Supports full duplex, half duplex, and auto-negotiation working modes	
	Supports port auto-negotiation rate	
	Supports port priority flow control.	
	Supports a link aggregation group (consist of two uplink ports)	
	Supports port flow statistics	
	Supports enabling/disabling ports	
System	Allows to view the device name, device model, serial number, current version, IP address, MAC address, DNS, operation time, etc.	
	Allows to edit and manage the IP address and device name	
	Supports single-user management, user authentication, and password modification	
	Supports manual time configuration and NTP	
	Allows to view other switches information on the same network, up to 32 switches	
	Allows to view the connected video devices information, up to 64 devices	
VLAN	Supports both access and trunk modes; allows up to 32 VLANs with IDs from 1 to 4095	
MAC	Support (up to 16K)	
	Supports clearing the dynamic MAC address	
Port loopback detection	Support	
QoS	Supports port rate limitation	
	Supports broadcast storm control	
PoE	Allows to view PoE status and power	
	Allows to enable/disable PoE power supply	
Security	Supports port isolation (only for the downlink ports)	
	Supports locking login IP address, up to 64 addresses can be locked	
Maintenance	Supports N:1 port mirroring	

	Supports unified software configuration, management, and search
	Supports discovering the connected video devices and generating a network topology on the software.
	Supports device upgrade, factory settings restoration, configuration import, configuration export, logs export, and device restart on the software.

## Ordering Information

### NSW3000 Series Cloud Managed Ethernet PoE Switch

Model	Qty	Remarks
NSW3000-16T1GT1GC-POE-IN	1	UNV NSW3000-16T1GT1GC-POE-IN Cloud Managed PoE Switch
NSW3000-24T1GT1GC-POE-IN	1	UNV NSW3000-24T1GT1GC-POE-IN Cloud Managed PoE Switch

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