

# Ethernet POE Switches Datasheet

## NSW2020-16T1GT1GC-POE-IN



## Features

- Multiple working modes to address your business needs: Default(Normal mode), VLAN(Secure mode), EXTEND(Surveillance mode)
- Support port traffic control
- Support for secure mode, all downlink ports can communicate only with uplink ports
- Up to 250m transmission distance on surveillance mode
- Support buffer optimization
- All metal housing, safe and reliable

## Specifications

Model	NSW2020-16T1GT1GC-POE-IN
Hardware Specification	
Ports Type	16×100Mbps PoE ports (RJ45)+ 1×1000Mbps Gigaethernet ports +1×1000Mbps Combo ports
Standards	IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3ab, IEEE802.3x, IEEE802.3af, IEEE802.3at, IEEE802.3az
Switching capacity	7.2 Gbps
Forwarding performance	5.36Mpps
Packet Buffer	4 M bit
MAC	16K
Weight	2.12KG
Dimensions (W×D×H)	440*195*44mm
Power supply	AC: 100-240 V, 50/60 Hz
Max.Power	265W
Max. PoE Power	Max capacity: 250 W, Max capacity for single port: 30 W

Prior Ports	1 to 8
Cooling Fans	1
Mean Time Between Failure (MTBF)	> 50000 hours
Storage Temperature	-40 °C to 70 °C
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating humidity	10%~90% (non-condensing)
Storage humidity	5%~90% (non-condensing)
Indicator	POWER Steady on: AC input is normal, POWER Off: No AC input, PoE Off: No PoE power supply, PoE Steady on: PoE power supply is normal, PoE-MAX off: The POE power supply power of the whole machine is less than 80% of the specification, PoE-MAX Steady on : The POE power supply power of the whole machine is greater than 85% of the specification, LINK/ACT Off: No link, LINK/ACT Steady on: Linked, LINK/ACT Flashing: Transmitting data
Working Mode	Default (Normal mode) : All ports can communicate with each other, VLAN (Secure mode): Downlink ports can communicate only with uplink ports. Enabling PD keepalive function, the switch will restart the IPC via PoE power when the IPC sends no message in a period of time, Extend (Surveillance mode): Transmission distance up to 250 meters. Downlink ports can communicate only with uplink ports
Hardware Specification	
PoE Mode	802.3at/af , ModeB : (4/5+, 7/8-)

## Ordering Info

Product Model	Description
NSW2020-16T1GT1GC-POE-IN	Unmanaged Ethernet Switch(PoE)

### Zhejiang Uniview Technologies Co., Ltd.

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China (Zhejiang) Pilot Free Trade Zone, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

<http://www.uniview.com>

©2023-2025 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.