

# 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
Switching capacity	7.2 Gbps
Packet Buffer	4 M bit
Forwarding performance	5.36Mpps
Power Supply	AC: 100 to 240V, 50/60Hz
MAC	16K
PoE Standard	IEEE 802.3 at, IEEE 802.3af
PoE Mode	ModeB (4578)
Max.PoE Power	Max capacity:250W Max capacity for single port: 30W
Prior Ports	1 to 8

Standards	IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3ab, IEEE802.3x, IEEE802.3af, IEEE802.3at, IEEE802.3az
Cooling Fans	1
Max.Power	265W
Operating Temperature	0°C to 45°C (32°F to 113°F)
Operating Humidity	10% to 90% (noncondensing)
Indicator	<p>POWER:</p> <p>Steady on: AC input is normal</p> <p>Off: No AC input</p> <p>PoE:</p> <p>Off: No PoE power supply</p> <p>Steady on: PoE power supply is normal</p> <p>PoE-MAX:</p> <p>off : The POE power supply power of the whole machine is less than 80% of the specification</p> <p>Steady on : The POE power supply power of the whole machine is greater than 85% of the specification</p> <p>LINK/ACT:</p> <p>Off: No link</p> <p>Steady on: Linked</p> <p>Flashing: Transmitting data</p>
Dimensions (W×D×H)	440*195*44mm
Weight	2.12KG
Working Mode	<p>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</p>
Compliance	
NDAA Compliant	Support

