

# Ethernet Low Power PoE Switches

## NSW2020-16T1GT1GC-LPOE-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

Hardware Specification	Description
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	7.2Gbps
Forwarding performance	5.36Mpps
Packet Buffer	4M bit
MAC	16K

Dimensions (W×D×H)	440*195*44mm
Weight	1.99KG
Power Supply	AC: 100-240V, 50/60Hz
Max.Power	146W
PoE	802.3at/af (4/5+, 7/8-)
Max. PoE Power	Max capacity: 135W; Max capacity for single port: 30W
Prior Ports	1~8
Cooling Fans	0
Operating temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)
Operating humidity	10%~90% (noncondensing)
Indicator	POWER Steady on: AC input is normal; POWER Off: No AC input; 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; PoE Off: No PoE power supply; PoE Steady on: PoE power supply is normal
Working Mode	Default(Normal mode) : All ports can communicate with each other.; Extend(Surveillance mode): Transmission distance up to 250 meters. Downlink ports can communicate only with uplink ports. ; 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.

## Ordering Info

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

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