

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

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

Weight	2.12KG
Dimensions (W×D×H)	440*195*44mm
Power supply	AC: 100-240 V, 50/60 Hz
Max.Power	250W
Max. PoE Power	Max capacity: 250W; Max capacity for single port: 30W
Prior Ports	1~8
Cooling Fans	1
Mean Time Between Failure (MTBF)	>50000 hours
Storage Temperature	-40 °C ~ 70 °C
Operating temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)
Operating humidity	10%~90% (noncondensing)
Storage humidity	5%~90% (noncondensing)
Indicator	<p>POWER Steady on: AC input is normal;</p> <p>POWER Off: No AC input;</p> <p>PoE Off: No PoE power supply;</p> <p>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;</p> <p>PoE-MAX Steady on : The POE power supply power of the whole machine is greater than 85% of the specification;</p> <p>LINK/ACT Off: No link;</p> <p>LINK/ACT Steady on: Linked;</p> <p>LINK/ACT Flashing: Transmitting data</p>
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.;</p> <p>Extend(Surveillance mode): Transmission distance up to 250 meters. Downlink ports can communicate only with uplink ports.</p>

Ordering Info

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

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