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 ℃ to 70 ℃
Operating temperature	0 ℃ to 40 ℃ (32 ℉ to 104 ℉)
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)