

NSW2020 Series Ethernet PoE Switches

NSW2020-6T-POE-IN



NSW2020-10T-POE-IN



NSW2020-16T1GT1GC-POE-IN



NSW2020-24T1GT1GC-POE-IN



Key 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	NSW2020-6T-POE-IN	NSW2020-10T-POE-IN	NSW2020-16T1GT1GC-P OE-IN	NSW2020-24T1GT1GC-P OE-IN
Ports	6×100Mbps network ports (RJ45), including 4 PoE ports	10×100Mbps network ports (RJ45), including 8 PoE ports	16×100Mbps PoE ports (RJ45)+ 1×1000Mbps Gigaethernet ports +1×1000Mbps Combo ports	24×100Mbps PoE ports (RJ45) + 1×1000Mbps Gigaethernet ports +1×1000Mbps Combo ports
Standards	IEEE802.3,IEEE802.3u,IEEE802.3az,IEEE802.3x,IEEE802.3af,I EEE802.3at		IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x,I EEE802.3af,IEEE802.3at,IEEE802.3az	
Switching capacity	1.2Gbps	2Gbps	7.2Gbps	8.8Gbps
Forwarding performance	0.90Mpps	1.49Mpps	5.36Mpps	6.55Mpps
Packet Buffer	448Kbit	448kbit	4M bit	4Mbit
MAC	1K	1K	16K	16K
Dimensions (W×D×H)	108*100*25.5mm	171*101*25.5mm	440*189.8*44mm	440*244.8*44mm
Weight	0.19KG	0.29KG	2.12KG	2.93KG
Power supply	DC: 48/51V		AC: 100-240V, 50/60Hz	
PoE	802.3at/af (4/5+, 7/8-)			
Max. PoE Power	Max capacity: 60W Max capacity for single port: 30W	Max capacity:88W Max capacity for single port: 30W	Max capacity: 225W Max capacity for single port: 30W	Max capacity: 370W Max capacity for single port: 30W
Prior Ports	1~2	1~2	1~8	1~8
Cooling Fans	0	0	1	1
Operating temperature	0°C-40°C (32°F-104°F)			
Operating humidity	$10\%{\sim}90\%$ (noncondensing)			
Storage humidity	$5\%{\sim}90\%$ (noncondensing)			
Indicator	POWER: Steady on: AC input is normal Off: No AC input			
	No PoE Indicator		PoE: Off: No PoE power supply 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 Steady on: The POE power supply power of the whole machine is greater than 85% of the specification			
	LINK/ACT: Off: No link Steady on: Linked Flashing: Transmitting data			
Working	Default(Normal mode) : All po	orts can communicate with	Default(Normal mode) : All po	orts can communicate with



DATASHEET

Mode	each other.	each other.
	EXTEND(Surveillance mode): Transmission distance up to 250 meters.	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.

Zhejiang Uniview Technologies Co.,Ltd.

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China

Email: overse as business @uniview.com; global support @uniview.com

http://www.uniview.com

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* Product specifications and availability are subject to change without notice.