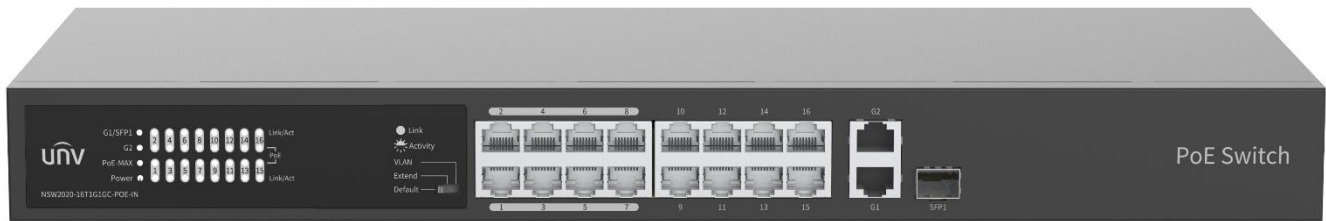# NSW2020 Series Ethernet PoE Switches

● NSW2020-16T1GT1GC-POE-INM

Key Features

● Multiple working modes to address your business needs:Normal, Secure and Surveillance

● 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-INM
Ports	16×10/100Mbps PoE+ ports (RJ45)+2×1000Mbps Combo ports,RJ45 port, full duplex, MDI/MDI-X adaptive
Standards	IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x,IEEE802.3af,IEEE802.3at,IEEE802.3az
Ports for long-distance transmission	Ports 1 to 16
Switching capacity	7.2Gbps
Forwarding performance	5.36Mpps
Forwarding mode	Store-and-forward switching
Packet Buffer	4M bit
MAC	16K
Dimensions (W×D×H)	440*189.8*44mm
Weight	2.12KG
Power supply	AC: 100-240V, 50/60Hz, Max. 2.5A
PoE	802.3at/af （4/5+，7/8-）

![UNV logo]

DATASHEET

Max. PoE Power	Max capacity: 225W Max capacity for single port: 30W
Switch Power/ Consumation	Max. 150W
Prior Ports	1~8
Cooling Fans	1
Operating temperature	-10°C-55°C (14°F-131°F)
Operating humidity	10%～90% (noncondensing)
Storage humidity	5%～90% (noncondensing)
Indicator	POWER: Steady on: AC input is normal Off: No AC input
	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 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.
Certifications	CE: CE-LVD (EN 62368-1:2014/A11:2017）; CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-EMC (EN 55032: 2015;EN 55035:2017; EN 61000-3-2:2014;EN 61000-3-3:2013+A1:2019); CE-RoHS (2011/65/EU;(EU)2015/863); RCM (AS/NZS CISPR 32: 2015); 1C (ICES-003: Issue 6, 2016) UL: UL (UL 62368-1) FCC: FCC (47 CFR Part 15, Subpart B); KC: KC (KN 32: 2015, KN 35: 2015) WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)

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