



SN-NSW18P16

18 Port Unmanaged Gigabit PoE Switch with 16 Port PoE



Key Feature

- Intelligent PoE
- IEEE 802.3af/at Standard PoE, Max. 30 W for One Port
- 4-Core Adaptive Power Supply with Less Power Loss
- 16-port 100 Mbps + 2-port Gigabit PoE
- 4KV Surge Protection to Improve Reliability in Harsh Environment

Specification

Network	
Network Port	16 × 10/100Base-TX PoE ports (Data/Power) 2 × 10/100/1000Base-T(X) RJ45 ports (Data) 1 × 1000Base-X optical port slot (Data)
Transmission	10BASE-T: Cat3,4,5 UTP (≤250 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP (≤100 meter)
Optical Cable	Multimode working wavelength: 850nm, transmission distance: 0 ~ 500M. Single-mode operating wavelength: 1310nm, transmission distance: 0-40KM. Single-mode working wavelength: 1550nm, transmission distance: 0 ~ 120KM.
Function ON/OFF	Dip switch (E, D, P) three gears, the default state is "OFF", the function description is as follows: E file: When "ON", (1), 9~16 ports long-distance transmission (up to 250 meters, but the network speed is reduced to 10M); (2), 1~16 ports physical VLAN isolation function is activated, which can suppress broadcast Storm and improve network performance. E file: When "OFF", normal 10/100M Base-TX exchange transmission. D file: When "ON", the watchdog AI self-healing mode is activated on ports 1-16; when "OFF", there is no communication self-healing function. P gear: When "ON", the total output power of POE + priority order indication mode; when "OFF", there is no power indication function.
Performance	
Communication Standard	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x
Forwarding Mode	Store forwarding (Full wire speed)
Capacity	7.2 Gbps
Packet Buffer Memory	5.36 Mbps
MAC Table Size	16K
Packet Buffer Memory	4M
LED Indicating Lamp	Power indicator: PWR (green), Network indicator: Link (yellow), POE indicator: PoE (green), Speed indicator: 1000M (green)
PoE	
PoE Standard	1-16 Port support standard PoE supply (IEEE802.3af/at)
PoE Pin Assignment	Default: 1/2(+), 3/6(-), Optional order 4/5(+), 7/8(-), 4 core power supply
Max Single-port PoE Power	30W
Total Power/Input Voltage	250W
Power Supply	100-240V AC
Power Consumption	Idling: <15.0 W, Full load: <240 W
General	
Operating Temperature/Humidity	-20°C to +55°C (-4°F to +131°F), 5%~90% (RH)
Storage Temperature/Humidity	-40°C to +75°C (-40°F to +167°F), 5%~95% (RH)
Product Dimensions	330 mm × 204 mm × 44 mm (13.0" × 8.03" × 1.73") (W × L × H)
Net Weight	1.7 kg (3.75 lb)
Gross Weight	2.2 kg (4.85 lb)
Protection Level	4KV 8/20us, IP30
Safety Certification	CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS.