



# SN-NSW18P16

## 16 Ports PoE Switch



### Specification

| Network                        |   |
|--------------------------------|---|
| Network Port                   | 16 × 10/100Base-TX PoE ports (Data/Power)<br>2 × 10/100/1000Base-T(X) RJ45 ports (Data)<br>1 × 1000Base-X optical port slot (Data)  |
| Transmission                   | 10BASE-T: Cat3,4,5 UTP (≤250 meter)<br>100BASE-TX: Cat5 or later UTP (≤100 meter)<br>1000BASE-T: Cat5e or later UTP (≤100 meter)  |
| Optical Cable                  | Multimode working wavelength: 850nm, transmission distance: 0 ~ 500M.<br>Single-mode operating wavelength: 1310nm, transmission distance: 0-40KM.<br>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:<br>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.<br>E file: When "OFF", normal 10/100M Base-TX exchange transmission.<br>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.<br>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,<br>IEEE802.3u 100Base-TX,<br>IEEE802.3ab 1000Base-T,<br>IEEE802.3z 1000Base-X,<br>IEEE802.3x   |
| Forwarding Mode                | Store forwarding (Full wire speed)  |
| Capacity                       | 7.2Gbps   |
| Packet Buffer Memory           | 5.36Mbps  |
| 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: <15.0W Full load: <240W   |
| 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                     | 1.7kg (3.75lb)  |
| Gross Weight                   | 2.2kg (4.85lb)  |