

# Technical Data Sheet



**PRODUCT CODE**  
NTPL-POE82UM

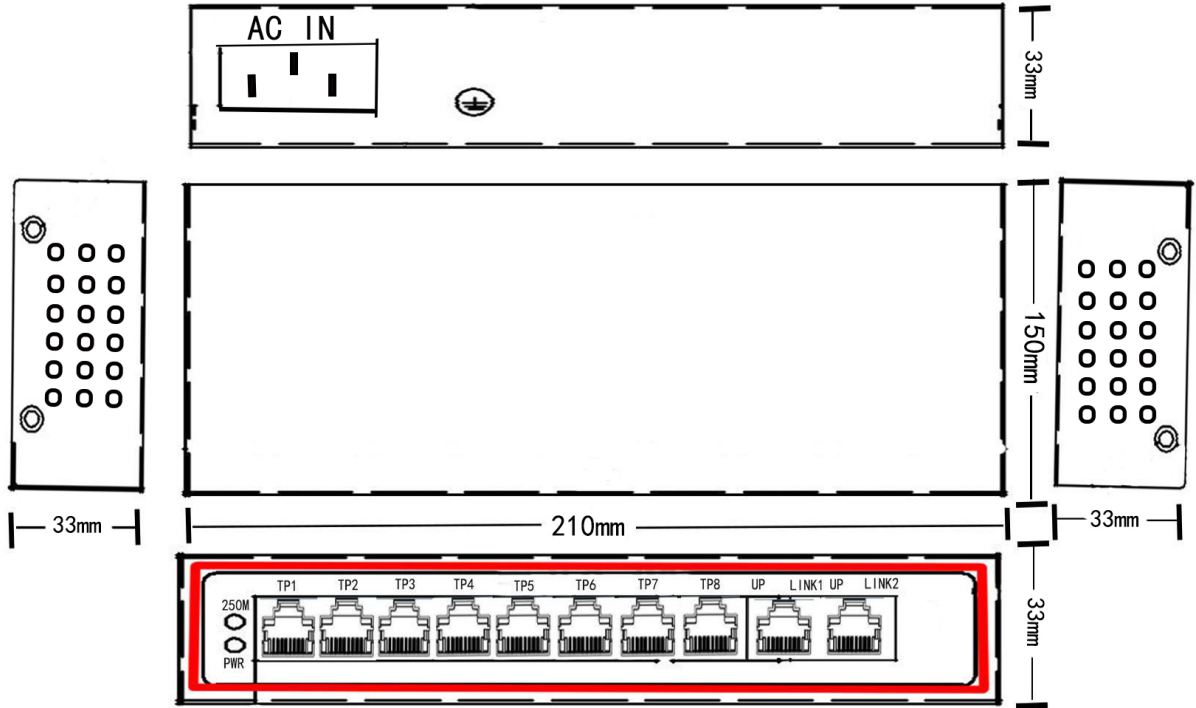
## 8EP+2E Series POE Switch

NTPL-POE82UM

NTPL-POE82UM is a 100M POE Switch with 8 10/100Mbps POE ports, with VLAN DIP it can easily have access to VLAN function. There are 2 10/100Mbps uplink port. Longest POE distance can reach 250M. It is designed for school, family, SEMs, small range surveillance and other network connections. All ports support wire speed forwarding and the rate is up to 100Mbps. Each port support 4KV port lightning protection to ensure stable operation.

- 8\*100Mbps POE ports, 2\*100Mbps uplink ports
- Support 10/100M speed rate, MDI/MDIX and half/full-duplex and auto-negotiation
- Each port has complete LED indicator as power indicator, POE indicator, LINK/ACT
- VLAN DIP; and 250M long distance transmission
- Support IEEE802.d Spanning Tree to make network easier
- Support high performance QoS function on each port
- Support broadcast storm control
- Support 48-56V wide voltage input
- Support IEEE802.3x Flow control and Back pressure control
- Require no configuration and will instantly operate as soon as you power it up
- Default with end-span (1/2+, 3/6-) power supply, Mid-span(4/5+, 7/8-) optional
- All port support wire-speed forwarding, 64-1518 Frame can reach wire speed
- Support wall mounted installation
- Support 4K port lightning protection
- Adopt low power consumption chips, stable and reliable
- Adopt fanless cooling design, natural cooling
- Support POE power supply, support IEEE802.3af and IEEE802.3at, each port can provide up to 30W power supply

# Dimension



## Technical Specifications

### Standards

IEEE802.3 10Base-T  
IEEE802.3u 100Base-TX  
IEEE802.3af  
IEEE802.1q VLAN  
IEEE802.3at  
IEEE802.3x Flow control  
IEEE802.3d Spanning Tree  
IEEE802.3p QoS

Certifications CCC, CE, FCC, RoHS

### Ethernet Port

- Connector: RJ45
- Data Rate: 10/100M adaptive
- Distance: 250m
- UTP Type: UTP-5E or higher level

### POE Port

- Power supply: end span
- Battery core: 1/2+, 3/6-
- POE port characteristics: 15.4/30W
- POE total power: 120W

### Performance

- Processing Type: Store and Forward
- Transmission mode: Full /Half duplex
- MAC Table Size: 1K
- Buffer Space: 448K bit
- Back bandwidth: 2G
- Time Delay: < 150μs

### Power

- Power Type: external power supply
- Input Voltage: AC100V ~ 240V 50/60Hz
- Connector: DC Socket
- Working Voltage: 48-56V
- Power Consumption: 1.4W ~ 3W

### Environment

- Storage Temperature: -40~70°C
- Operating Temperature: -10~55°C
- Relative Humidity: 5-95% (no condensation)

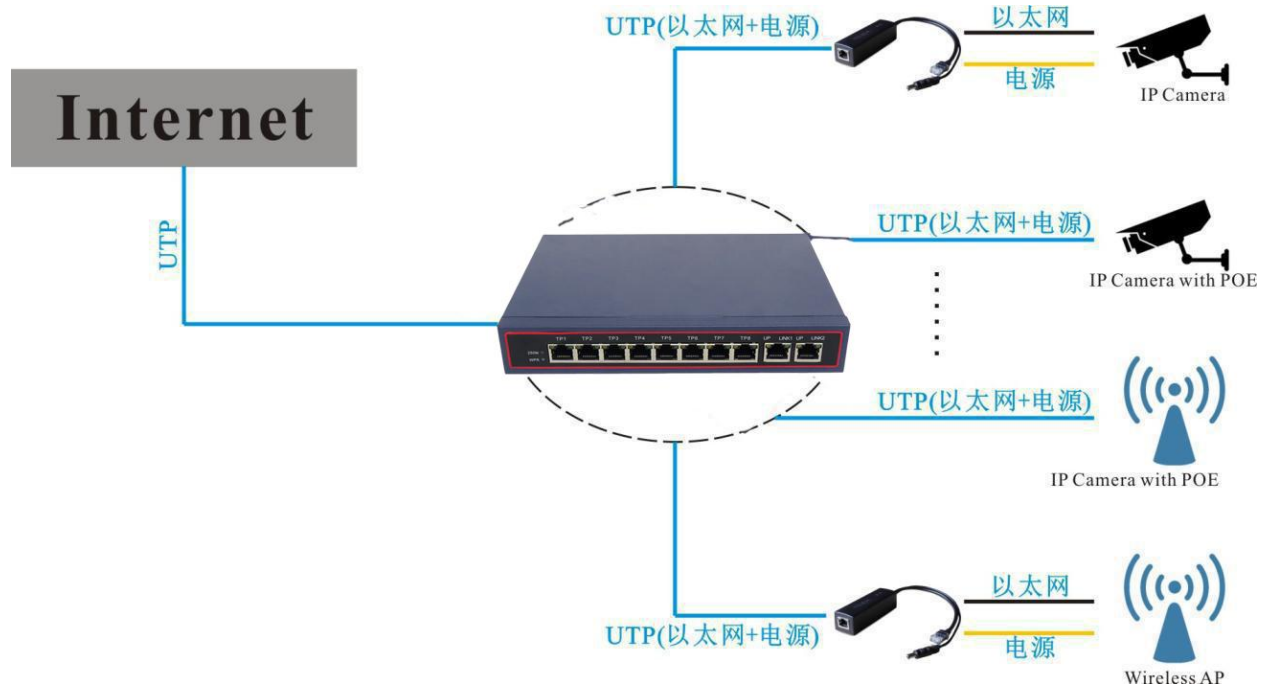
Warranty 3 years

### Physical

#### Characteristics

- Dimension: 197×73.5×29mm
- Weight: 0.35kg
- Color: Metal, Blue

## Application



**NEPS Technologies Private Limited**

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