

Technical Data Sheet



PRODUCT CODE
NTPL-POE42UM

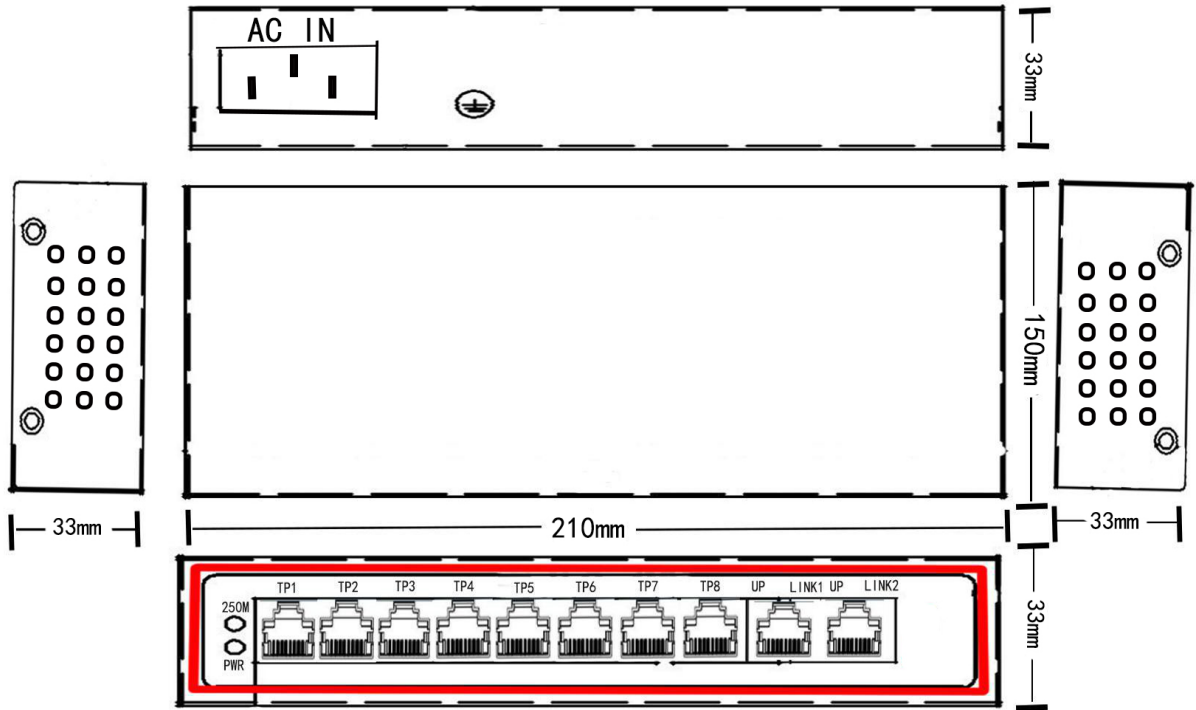
4EP+2E Series POE Switch

NTPL-POE42UM

NTPL-POE42UM is a 100M POE Switch with 4 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.

- 4*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: 65W

Performance

- Processing Type: Store and Forward
- Transmission mode: Full /Half duplex
- MAC Table Size: 1K
- Buffer Space: 448K bit
- Back bandwidth: 1.2G
- 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

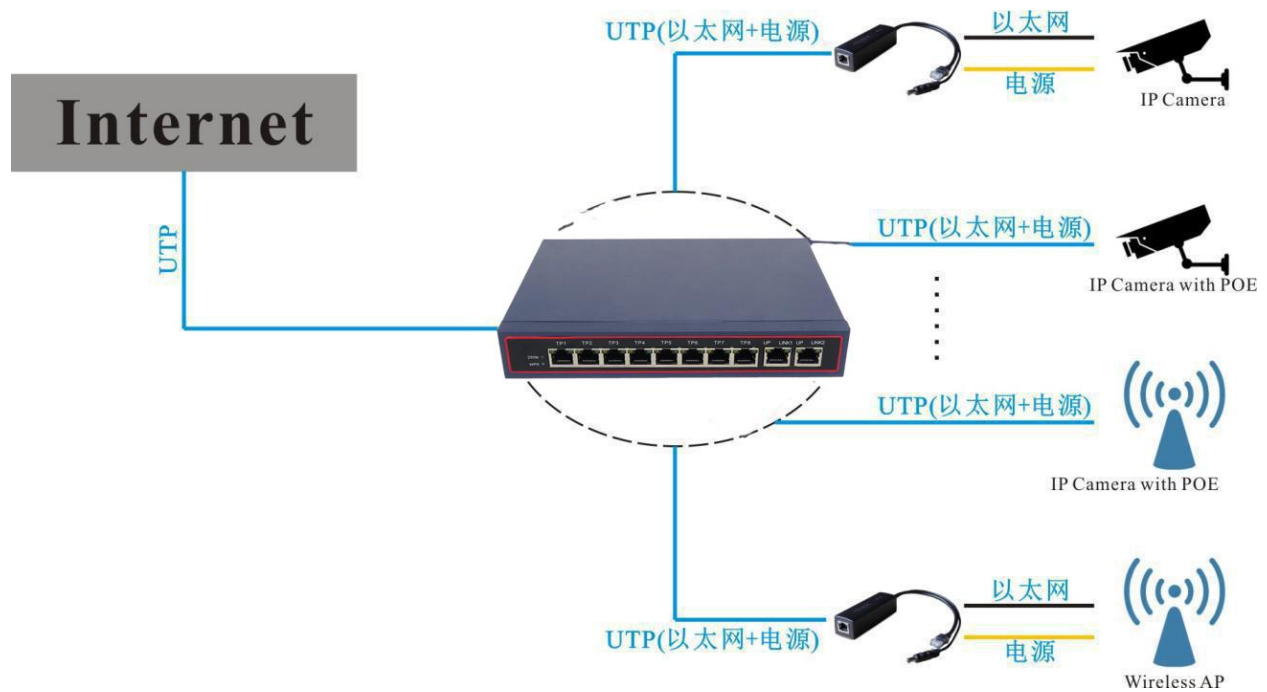
Physical

Characteristics

- Dimension: 132×66×32mm
- Weight: 0.30kg

➤ Color: Metal, Blue

Application



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