

# Technical Data Sheet



**PRODUCT CODE**  
NTPL-POE81UM

## 8EP+1E Series POE Switch

**NTPL-POE81UM**

NTPL-POE81UM is a 100M POE Switch with 8 10/100Mbps POE ports, with VLAN it can easily have access to VLAN function. There is 1 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.

- ◆ IEEE 802.3af power on up to 8 ports
- ◆ Supply power to wireless access points and surveillance cameras over Cat-5 cabling
- ◆ 8 10/100 Mbps Ports with AutoUplink™
- ◆ Supports PoE power up to 15.4W for each PoE port
- ◆ Supports PoE power up to 120W for all PoE ports
- ◆ Supports PoE IEEE 802.3af compliant PDs
- ◆ Supports IEEE 802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- ◆ 1K entry MAC address table of the PoE Switch NTPL-POE81UM with auto-learning and auto-aging
- ◆ LED indicators for monitoring power, link, activity and speed
- ◆ External power adapter supply



### Flexible

Choose to plug in up to nine Ethernet or Fast Ethernet devices and mix in up to eight IEEE802.3af IP-based devices like wireless access points or IP-based network surveillance cameras. Place these IEEE802.3af-compliant devices where they belong – high up on walls and ceiling for maximum coverage – or anywhere else you need them. Power and data are carried over standard Cat 5 cabling.

### Plug and Play

The standards-based PoE NTPL-POE81UM Switch senses and adjusts for network speed and cabling type automatically, for easy integration into your existing 10/100M Ethernet network. For PoE, the switch automatically detects IEEE802.3af-compliant devices, and supplies power as needed. Front panel LEDs keep you informed of switch and PoE status.

### Quiet and Compact

Engineered for compact convenience, its durable metal case that is easily positioned on your desktop or a wall, using the included mounting hardware. The fan-less design quietly integrates with your small office environment.

### Order Information

**Product:** NTPL-POE81UM

**Description:** 9-PORT 10/100 switch with 8 PoE ports, IEEE 802.3af; PoE Power Output: 15.4Watts per port. Total power budget 120Watts.

## Technical Specifications

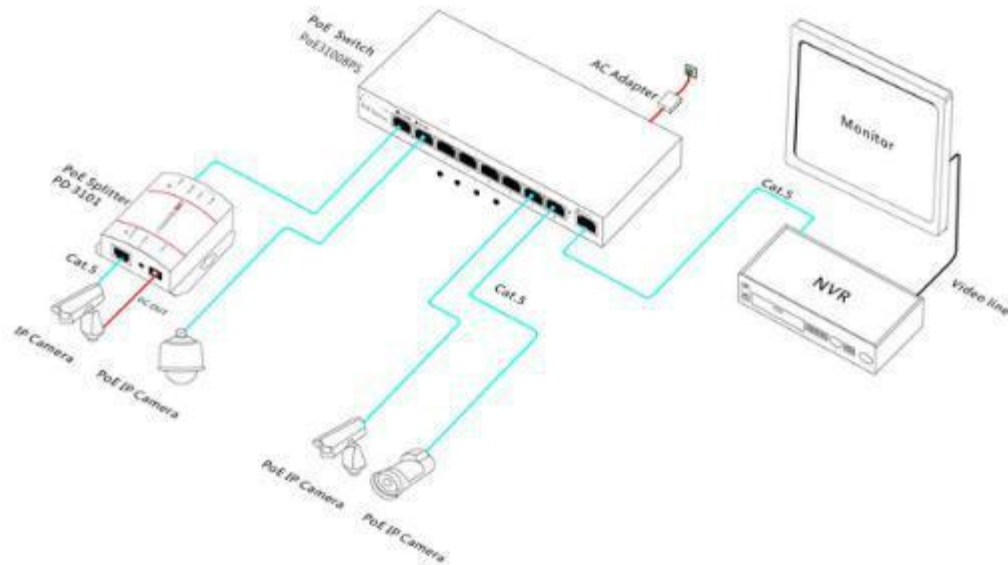
Product Name	9-Port AF PoE Switch with 8 PoE Ports and 1 Uplink
Model	NTPL-POE81UM
Connector Type	9x 10/100M copper cable RJ45 ports (8 PoE ports+1 Uplink)
Network Media	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter)
Bandwidth	1.6Gbps (non-blocking)
Address Database Size	1K
MTBF	190,000 hours (about 21 years)
Forwarding Mode	Store-And-Forward
Network Protocols	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI; IEEE 802.3af

LED Display	System: power supply; Every Port: connecting, PoE working status
Power Supply	Power input: AC100-240V 50/60Hz; (every country use a custom power plug)
PoE Ports	Port1-8 support POE
PoE Port Power	15.4W for each POE port
PoE Standard	IEEE 802.3af
PoE Feature	All ports support MDI/MDIX
Working Environment	Operating Temperature: -20° ~ 55 ° C; Storage Temperature: -40 ° ~ 85 ° C;
	Operating Humidity: 10% ~ 95%, non-condensing
Certification	CE Mark, commercial; CE/LVD EN60950, RoHS
Radiation	CE mark, commercial; FCC Part 15 Class B; VCCI Class B; EN 55022 (CISPR 22), Class B
Transmission Distance	Data transmission distance: 100m, 250m(when on 10M data rate)
Warranty	3 yearswarranty (1-year warranty for power adapter)

Certifications CE, FCC, RoHS

- Weight: 0.30kg
- Color: Metal, Blue

## Application



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