

**ND-AP1621GE**  
**Intelligent PoE for Reliable Connectivity**



## Product Description

A High - Performance PoE Switch delivering up to 250W total Power with IEEE 802.3af/at, extended 250m transmission, and AI Self Healing Watchdog for Stable, Fanless and Built for Silent reliability



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## Function Characteristic:

- ★ 16\*10/100Mbps PoE Ports, 2\*10/100/1000Mbps uplink Port, 1\*1000Mbps SFP Slot
- ★ Support IEEE 802.3af/at.
- ★ Support Restrain Network Storm, VLAN Function.
- ★ Support Max Transmission up to 250m with PoE Power.
- ★ All Ports Supported by MDI/MDIX Auto Flip and Self Negotitation.
- ★ In-Built Power Supply.
- ★ Maximum Power of Single PoE Port: 30W
- ★ Maximum PoE Power: 250W
- ★ Adopts Store-and Forward Architecture.
- ★ Fanless, Natural Cooling, Small, Compact and Quiet Design Suitable For Desktop or Wall.
- ★ Support AI Self - healing mode (Watchdog Function)
- ★ The Toggle Horse Can be Switched at will without Power



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**Specifications :**

MODEL	ND-AP1621GE
Fixed port	16*10/100 Base-TX PoE ports (Data/Power) 2*10/100/1000Base-TX uplink RJ45 port (Data) 1*1000Mbps SFP Slot
Ethernet Port	Port 1-16 support 10/100/1000Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption
Network Protocol	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 and Forward(Full Wire Speed)
Switching Capacity	9.2Gbps
Forwarding rate@64byte	6.8448mpps
MAC	8K
Buffer Memory	4M
Twisted Pair Transmission	10BASE-T Cat3,4,5 UTP(≤250 meter) 100BASE-TX Cat5 or later UTP(≤100 meter)
PoE Port	Port 1 to 16 IEEE802.3af/at @ POE
Power Supply Pin	Default 1/2 (+), 3/6 (-), optional 4/5(+),7/8(-)



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Single Port Max Power	30W, IEEE802.3af/at
Total PWR/ Input Voltage	250/300W(52VDC)
Power Supply	External power adapter,AC100~240V 50-60Hz 1A
Operation TEMP/Humidity	-20°C+55°C, 5%~90% RH Non condensing
Power Consumption	Standby<4W, Full load<300W
Storage TEMP/Humidity	-40°C+75°C, 5%~95% RH Non condensing
Dimension (WxLxH)	310mm*183mm*45mm
Weight	2.06kg
Installation	Desktop Wall Mounted

## Application:

