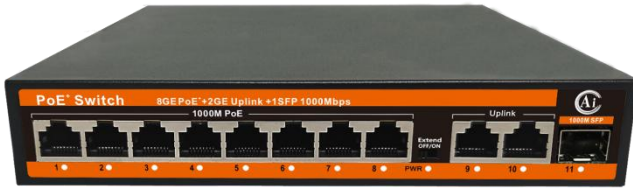


FEATURES

- 8*10/100/1000Mbps PoE ports, 2*10/100/1000Mbps uplink port, 1*1000Mbps SFP Slot
- Support IEEE802.3af/at
- Support restrain network storm, VLAN function
- Support Max Transmission distance up to 250m with PoE Power
- Support AI self-healing mode (Watchdog function)
- The toggle horse can be switched at will without power
- All port supported by MDI/MDIX auto flip and self-negotiation
- Built-in power supply;
- Maximum power of single PoE port: 30 W
- Maximum PoE power: 120W
- Adopts store-and-forward architecture
- Fanless, natural cooling, small,compact and quiet design, suitable for desktop or wall
- Support lightning protection 4kV



Newbridge®The 8-port 10/100/1000Mbps AI PoE switch provides seamless data connectivity for 10/100/1000Mbps Ethernet and PoE power for powered devices such as network surveillance cameras and wireless (AP).

The switch has 8* 10/100/1000Mbps PoE+ ports + 2* 100/1000Mbps uplink ports+ 1 Gigabit SFP ports, where 1-8 1000 Mbps downlink power ports all support powering PoE network cameras via UTP Category 5 and above unshielded twisted pair cables. 8 10/100/1000 Mbps adaptive RJ45 downlink ports all support 802.3af/at standard PoE power supply. Support priority mechanism, when the remaining power is insufficient, the power supply of the high priority port is guaranteed first to avoid overloading the equipment. The maximum PoE output power of the whole machine is 120W, and the maximum power supply power of individual ports is 30W.

The 8 ports of Power over Ethernet can achieve AI self-healing function (watchdog function) by toggling any dial horse switch in the case of non-stop power, 250m long distance + VLAN isolation mode, which automatically detects the data communication status in real time. When a port communication fault occurs, the corresponding port restarts automatically to recover the network communication and avoid manual maintenance. The Value lies in help to build the AI intelligent security transmission ecosystem.

Users can easily understand the working status of the device through the power indicator and status indicator of each port, plug-and-play, no configuration required, simple and convenient.

8*10/100/1000Mbps PoE Switch

ND-APG0821



Specifications

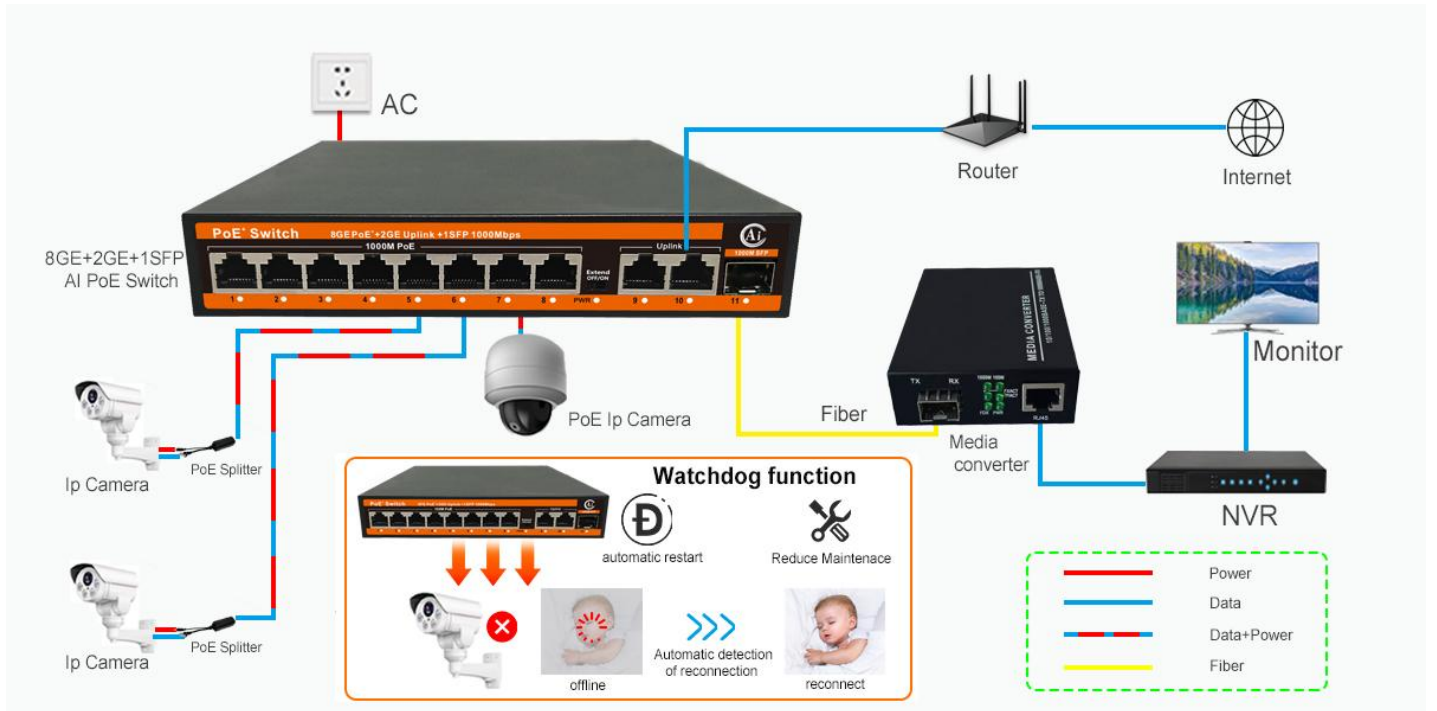
Model	ND-APG0821		
Power	Power Adapter Voltage	AC 110V-240V	
	Consumption	120W(52V 2.8A)	
Network Connector	Network Port	PoE Ethernet Port	1~8 Port : 10/100/1000Mbps
		Ethernet port	Uplink Port : 10/100/1000Mbps
		Watchdog	SFP Port: 1000Mbps
	Transmission Distance		1~8 Port : 100/1000Mbps:0~100m 10Mbps:250m
			Uplink Port : 0 ~ 100m
Transmission Medium		SFP: depends on the optical module(20km...100km)	
Transmission Medium		Cat5/5e/6 standard network cable	
Network Switch	Network Standard		IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab
	Switching Capacity		22Gbps
	Packet Buffer Memory		1Mbits
	Throughput		16.368Mpps
	MAC Table		2K
	Packet Forwarding rate		10Mbps:14880pps/port 100Mbps:148800pps/port 1000Mbps:1488000pps/port
Power Over Ethernet	PoE Standard		IEEE 802.3af/at
	PoE Power Supply		1/2 + ,3/6- ;4 core power supply
	PoE Power		af=15.4W,at=30W for each port
RJ45 port	Port Function	Power priority mechanism,fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode	
LED Indicator	LED Indicator	LINK/ACT.100Mbps; PoE Status Indicator; Power indicator;Extender	
Environmental	Working temperature	0°C~55°C	
	Relative Humidity	20~95%	
	Storage temperature	-20°C~70°C	
Mechanical	Dimension (L×W×H)	190mm*125mm*38mm	
	Color	Black	

8*10/100/1000Mbps PoE Switch

ND-APG0821



Application



Order Information

Part No	Description of product	Unit
ND-APG0821	11ports switch with 8*10/100/1000M bit PoE ports, 2*10/100/1000M Uplink Port, 1*1000Mbps SFP Slot, PoE Standard: IEEE 802.3af/at, PoE data & power transmission distance 100meters(100Mbps), 250meters(10Mbps), 1-8PORT support Watchdog function	pc