

FEATURES

- 8*10/100Mbps 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
- Support Watchdog function
- 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 10/100Mbps unmanaged PoE switch provides seamless data connectivity for 10/100Mbps Ethernet and PoE power for powered devices such as network surveillance cameras and wireless (AP).

The switch has 8 PoE-powered RJ45 ports, 2 RJ45 uplink ports and an independent SFP expansion slot. where 1-8 100 Mbps downlink power ports all support powering PoE network cameras via UTP Category 5 and above unshielded twisted pair cables . 8 10/100 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 support watchdog function, 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*10/100Mbps PoE Switch

ND-AP0821G



Specification

Model	ND-AP0821G		
Power	Power Adapter Voltage	AC 110V-240V	
	Consumption	120W(52V, 2.8A)	
Network Connector	Network Port	PoE Ethernet Port	1~8 Port : 10/100Mbps
		Ethernet port	Uplink Port : 10/100/1000Mbps
		SFP Port	SFP Port: 1000Mbps
		Watchdog	1-8 port
	Transmission Distance		1~8 Port : 100Mbps:0~100m; 10Mbps: 0~250m; Uplink Port : 0 ~ 100m
	Transmission Medium		Cat5/5e/6 standard network cable
Network Switch	Network Standard		IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab
	Switching Capacity		7.6Gbps
	Packet buffer memory		1Mbits
	Throughput		5.6544Mpps
	MAC Table		2K
	Paket Forwarding Rate		10Mbps:14880pps/port 100Mbps:148800pps/port 1000Mbps:1488000pps/port
Power Over Ethernet	PoE Standard		IEEE 802.3af/at
	PoE Power Supply		12 + ,36 - , 4 core power supply
	PoE Power		af=15.4W,at=30W
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℃~55℃
	Relative Humidity		20~95%
	Storage temperature		-20℃~70℃
Mechanical	Dimension (L×W×H)		190mm*125mm*38mm
	Color		Black
	Weight		0.81kg

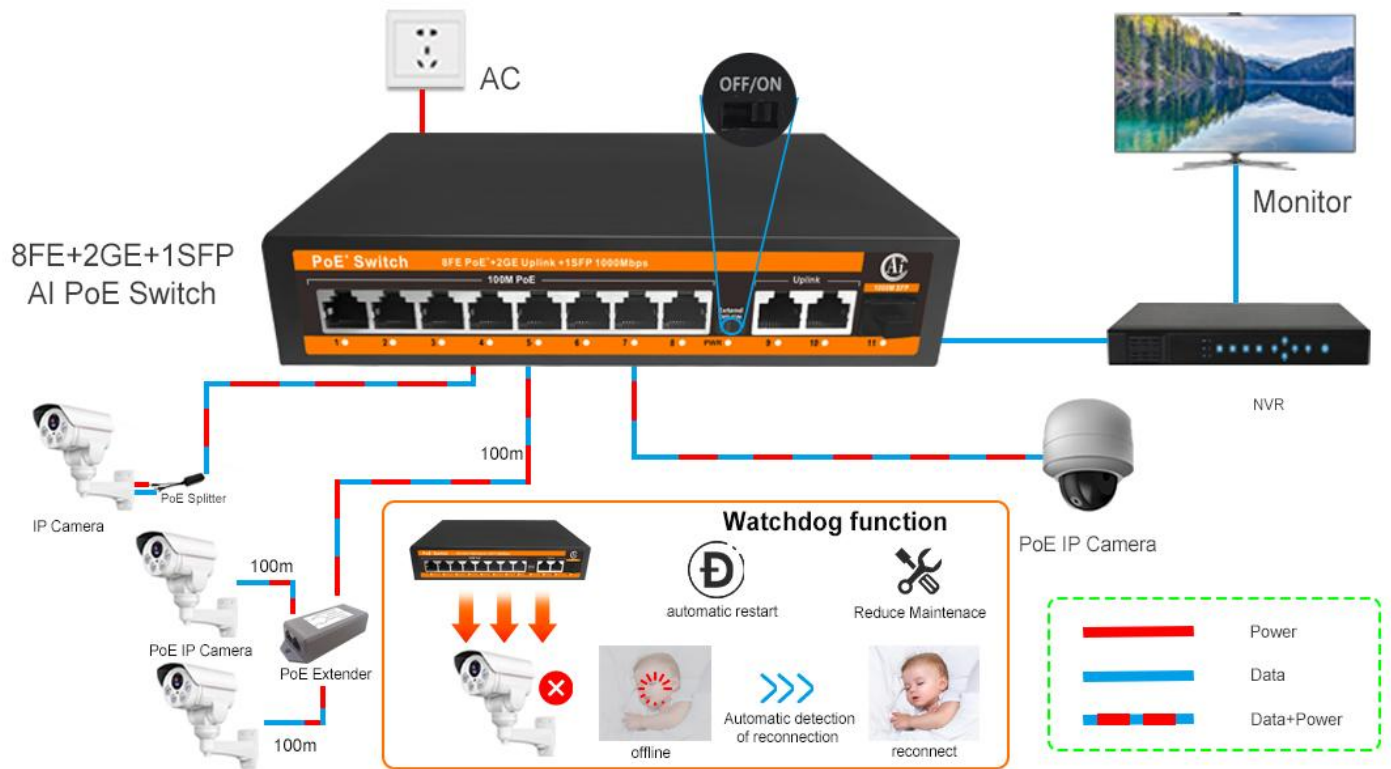
Application



Shenzhen Newbridge Communication Equipment CO.,LTD.

8*10/100Mbps PoE Switch

ND-AP0821G



Order Information

Part No	Description of product	Unit
ND-AP0821G	11 ports switch with 8*10/100M bit PoE ports, 2*10/100/1000M Uplink Port and 1*1000Mbps SFP Slot, PoE Standard: IEEE 802.3af/at, PoE data & power transmission distance 100meters(100Mbps), 250meters(10Mbps), power supply :120W, support Watchdog function	pc