

# 8\*10/100Mbps PoE Switch

ND-AHP0820G



## FEATURES

- 8\*10/100Mbps PoE ports, 2\*10/100/1000Mbps uplink port,
- 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\* 10/100Mbps PoE+ ports + 2\* 100/1000Mbps uplink ports, 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.

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## Specification

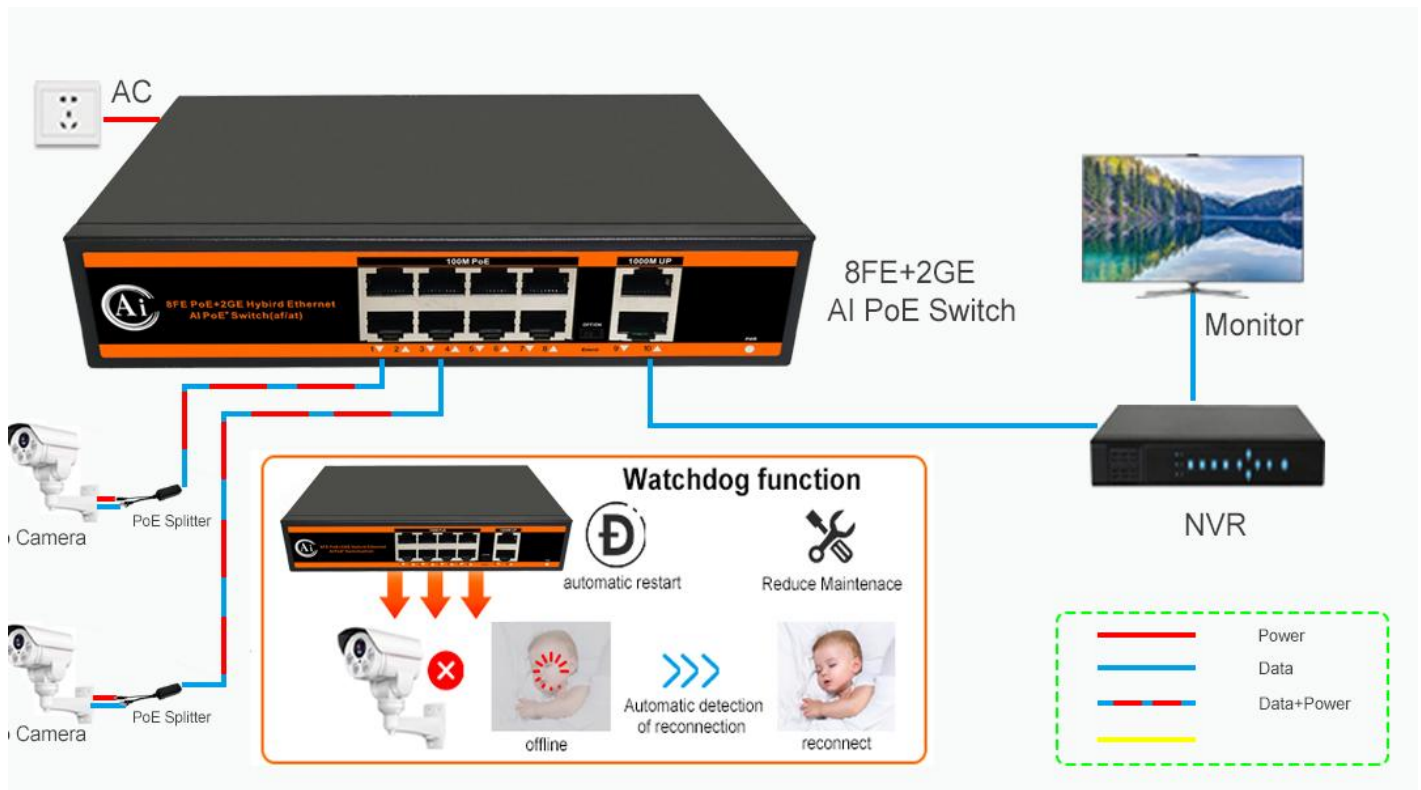
Model	ND-AHP0820G		
Power	Power Adapter Voltage	AC 110V-240V	
	Consumption	120W(52V, 2.8A)	
Network Connector	Network Port	PoE Ethernet Port	1~8 Port : 10/100Mbps
		Ethernet port	Uplink Port : 10/100/1000Mbps
		Watchdog	1-8 port
	Transmission Distance	1~8 Port : 100Mbps:0~100m; 10Mbps: 0~250m;	
		Uplink Port : 0 ~ 100m 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	5.6Gbps	
	Packet buffer memory	1Mbits	
	Throughput	4.1664Mpps	
	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)	220mm*140mm*45mm	
	Color	Black	
	Weight	0.81kg	

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## Application



## Order Information

Part No	Description of product	Unit
ND-AHP0820G	10 ports switch with 8*10/100M bit PoE ports,2*10/100/1000M Uplink Port , PoE Standard: IEEE 802.3af/at,PoE data & power transmission distance 100meters(100Mbps),250meters(10Mbps),power supply :120W,support Watchdog function	pc