8*10/100Mbps PoE Switch

ND-AHP0820

FEATURES

- 8*10/100Mbps PoE ports, 2*10/100Mbps uplink port
- Support IEEE802.3af/at
- Support restrain network storm, VLAN function
- Support Max Transmission distance up to 250m with PoE Power
- 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* 100Mbps 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.

Specifications

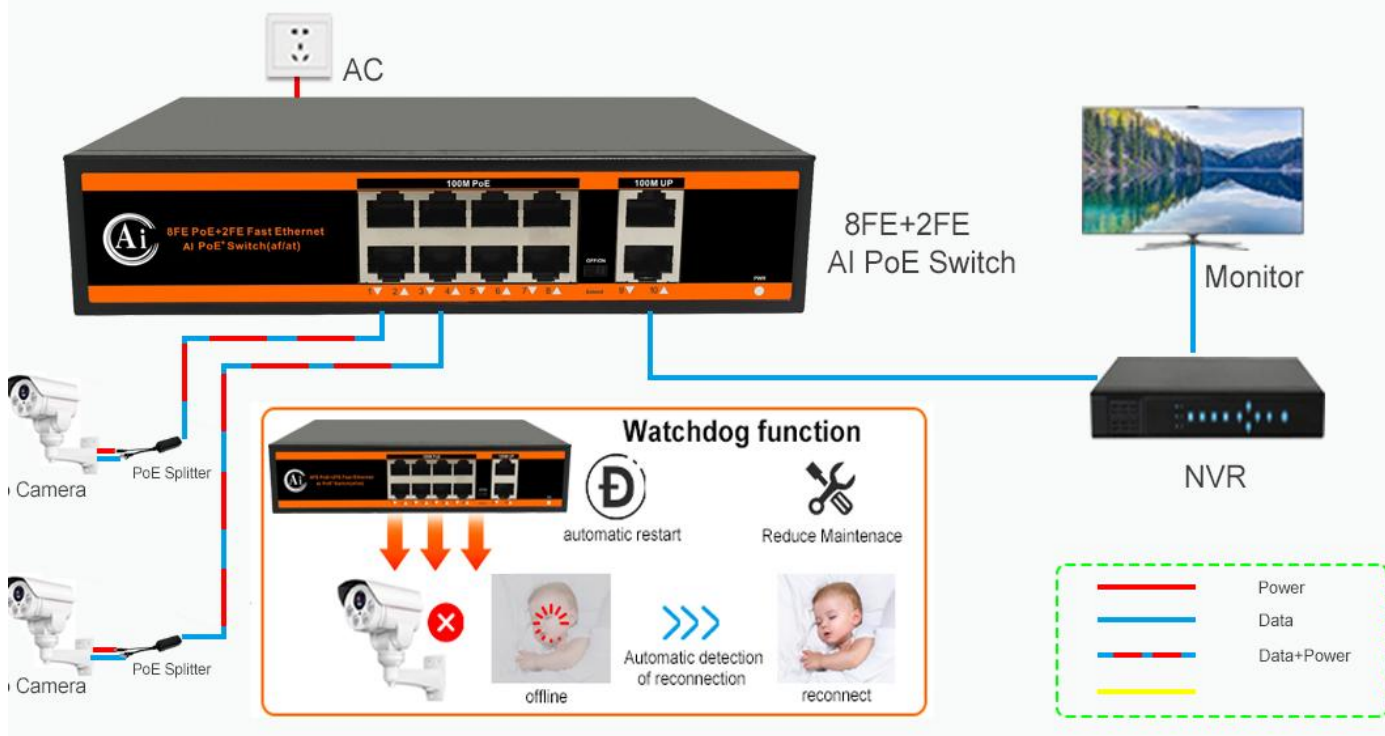| Model	ND-AHP0820		
Power	Power Adapter Voltage		AC 110V-240V
	Consumption		120W(52V, 2.8A)
Network Connector	Network Port	PoE Ethernet Port	1~8 Port：10/100Mbps
		Ethernet port	Uplink Port：10/100Mbps
		Watchdog	1~8 port

	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	2.0Gbps
	Packet Buffer Memory	1Mbits
	Throughput	1.488Mpps
	MAC Table	1K
	Packet Forwarding rate	10Mbps:14880pps/port 100Mbps: 148800pps/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 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℃~55℃
	Relative Humidity	20~95%
	Storage temperature	-20℃~70℃
Mechanical	Dimension (L×W×H)	220mm*140mm*45mm
	Color	Black

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Application

Order Information

Part No	Description of product	Unit
ND-AHP0820	10 ports switch with 8*10/100M PoE ports,2*10/100M Uplink Port,PoE Standard: IEEE 802.3af/at,PoE data & power transmission distance 100meters(100Mbps),250meters(10Mbps),Support Watchdog function	pc