

# 8\*10/100Mbps PoE Switch

ND-HP0820



## 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
- All port supported by MDI/MDIX auto flip and self-negotiation
- Built-in power supply
- Maximum power of single PoE port: 30 W
- Whole machine power: 120W&150W
- Adopts store-and-forward architecture
- Fanless, natural cooling, small,compact and quiet design, suitable for desktop or wall
- Support lightning protection 4KV

Newbridge®ND-HP0820 series PoE switch is designed by NEWBRIDGE for meeting the demand of PoE power supply. It adopts the latest high-speed Ethernet switching chip and ultra-high backplane bandwidth design, with extremely fast data processing capability to improve smooth data transmission performance. It has 8 PoE-powered RJ45 ports and 2 RJ45 uplink ports. All of eight RJ45 ports support IEEE 802.3af/at standard , with a maximum power supply of 30W for a single port and 120W&150W for the whole machine, which can automatically detect and identify the powered devices that comply with IEEE 802.3af/at standard and supply power for the priority mechanism through the network cable.

With simple and convenient installation and maintenance means and rich service features, it helps users to build a safe and reliable high-performance network. It is mainly positioned at the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and community broadband; it can be widely used in Ethernet access scenarios such as SMEs, Internet cafes, hotels, and schools.

## Specifications

Power	Power Adapter Voltage		AC 110V-240V
	Consumption		120W/150W
Network Connector	Network Port	PoE Ethernet Port	1~8 Port : 10/100Mbps
		Ethernet port	Uplink Port : 10/100Mbps
	Transmission Distance		1~8 Port :
			100Mbps:0~100m; 10Mbps: 0~250m; Uplink Port : 0 ~ 100m
Transmission Medium		Cat5/5e/6 standard network cable	
Network Standard		IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab	

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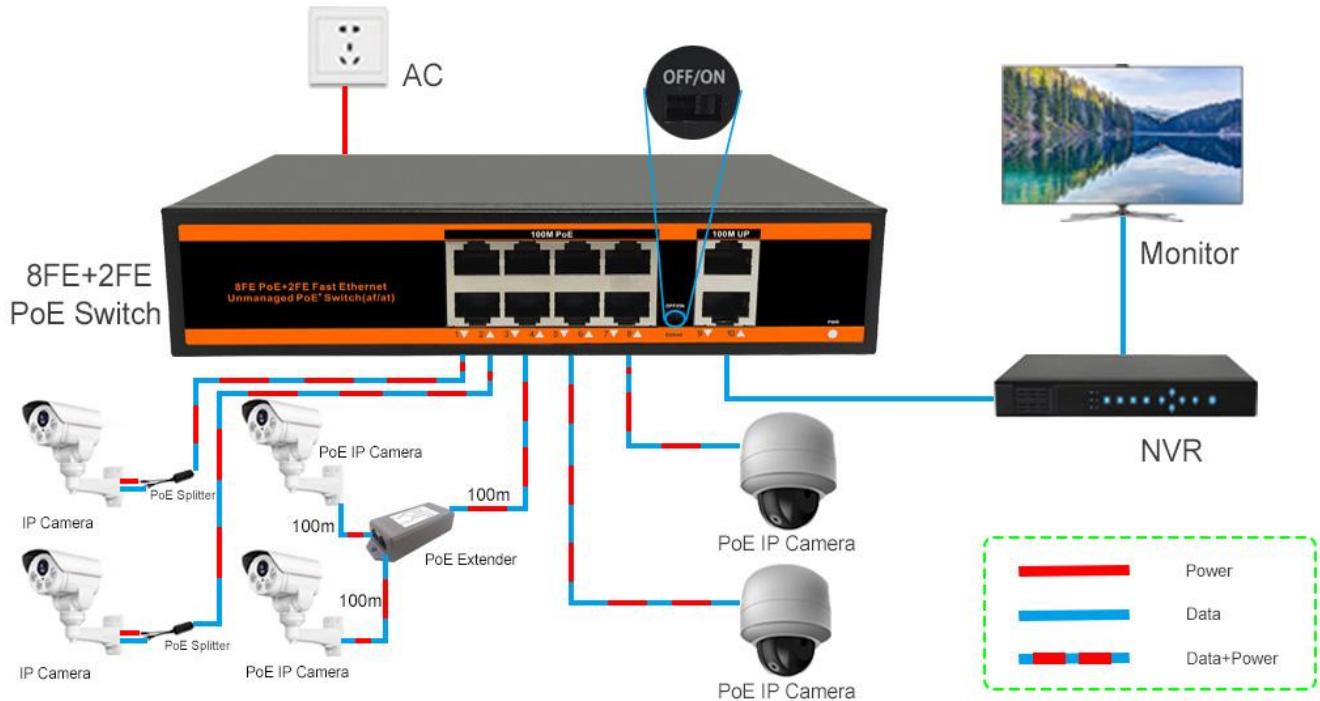
Network Switch	Switching Capacity	2.0Gbps
	Packet Buffer Memory	1Mbits
	Throughput	1.488Mpps
	MAC Table	1K
	Packet Forwarding rate	10Mbps:14880pps/port 100Mbps: 148800pps/port
Power Over Ethernet	PoE Standard	IEEE 802.3af/at
	PoE Power Supply	12 + ,36 - , 4 core power supply
	PoE Power	af=15.4W,at=30W 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°C~55°C
	Relative Humidity	20~95%
	Storage temperature	-20°C~70°C
Mechanical	Dimension (L×W×H)	220mm*140mm*45mm
	Color	Black
	Weight	1.05kg

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## Application



## Order Information

Part No	Description of product	Unit
ND-HP0820	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),optional power supply 120W or 150W	pc