

8*10/100Mbps PoE Switch

ND-HP0821G



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
- 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&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-HP0821G 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, 2 RJ45 uplink ports and an independent SFP expansion slot. 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.

Specificatio

Item		Description
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 : 10/100/1000Mbps
		SFP Port SFP Port: 1000Mbps
Transmission Distance	1~8 Port : 100Mbps:0~100m; 10Mbps: 0~250m;	
	Uplink Port : 0 ~ 100m	



Shenzhen Newbridge Communication Equipment CO.,LTD.

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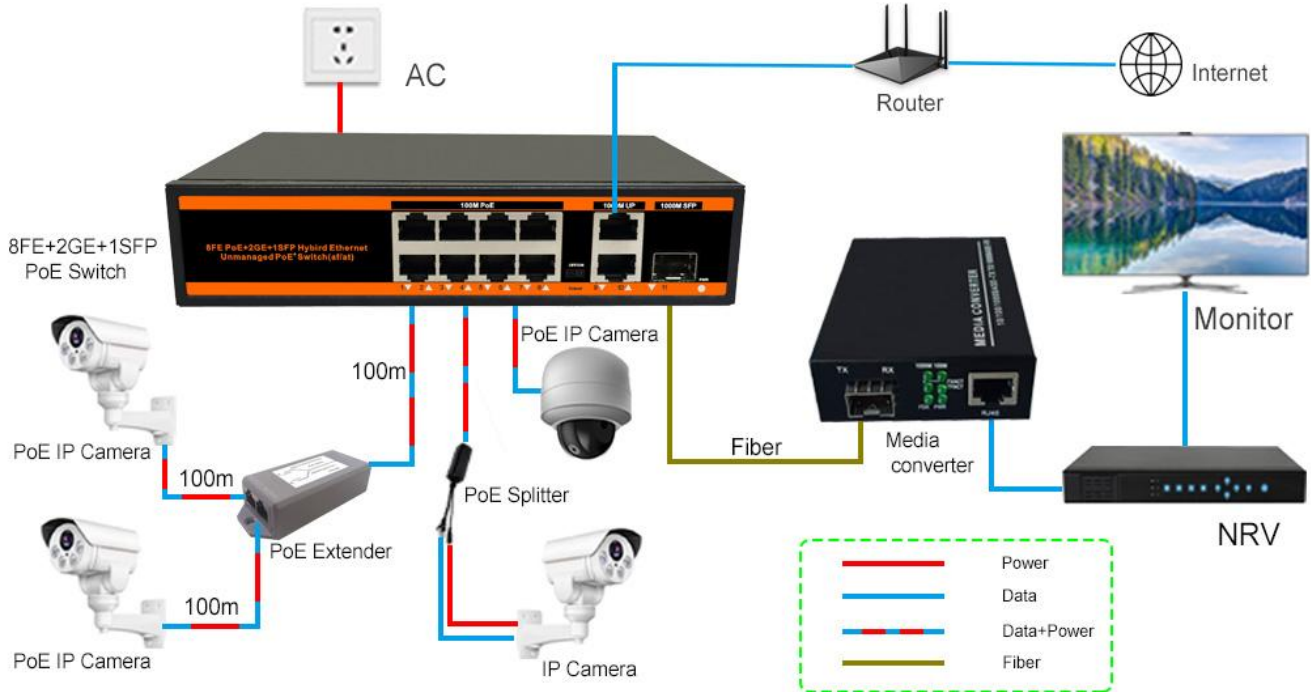
		SFP: depends on the optical module(20km...100km)
	Transmission Medium	Cat5/5e/6 standard network cable
Network Switch	Network Standard	IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab
	Switching Capacity	7.6Gbps
	Packet buffer memory	1Mbits
	Throughput	5.6544Mpps
	MAC Table	2K
	Paket Forwarding Rate	10Mbps:14880pps/port 100Mbps:148800pps/port 1000Mbps:1488000pps/port
	Power Over Ethernet	PoE Standard
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	1.05kg

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Application



Order Information

Part No	Description of product	Unit
ND-HP0821G	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), optional power supply 120W or 150W	pc