

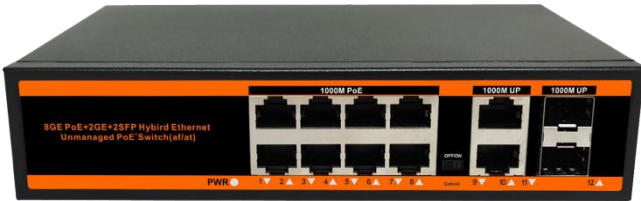
8*10/100/1000Mbps PoE Switch

ND-HPG0822



FEATURES

- 8*10/100/1000Mbps PoE ports, 2*10/100/1000Mbps uplink port, 2*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
- Adopts store-and-forward architecture
- Fanless, natural cooling, small,compact and quiet design, suitable for desktop or wall
- Support lightning protection 4KV



Newbridge®ND-HPG0822 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+2Gigabit SFP 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 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.

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Specification

Model	ND-HPG0822
Fixed Port	8*10/100/1000Base-TX PoE ports (Data/Power) 2*10/100/1000Base-TX uplink RJ45 port (Data) 2*1000Mbps SFP Slot
Ethernet Port	Port 1-8 support 10/100/1000Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	24Gbps
Forwarding Rate@64byte	17.856Mpps
MAC	8K
Buffer Memory	2M
Twisted pairTransmission	10BASE-T : Cat3,4,5 UTP(≤250 meter) 100BASE-TX : Cat5 or later UTP(≤100 meter)
PoE Port	Port 1 to 8 IEEE802.3af/at @ POE
Power Supply Pin	Default 1/2 (+), 3/6 (-), optional 4/5(+), 7/8(-)
Single-port Max Power	30W, IEEE802.3af/at

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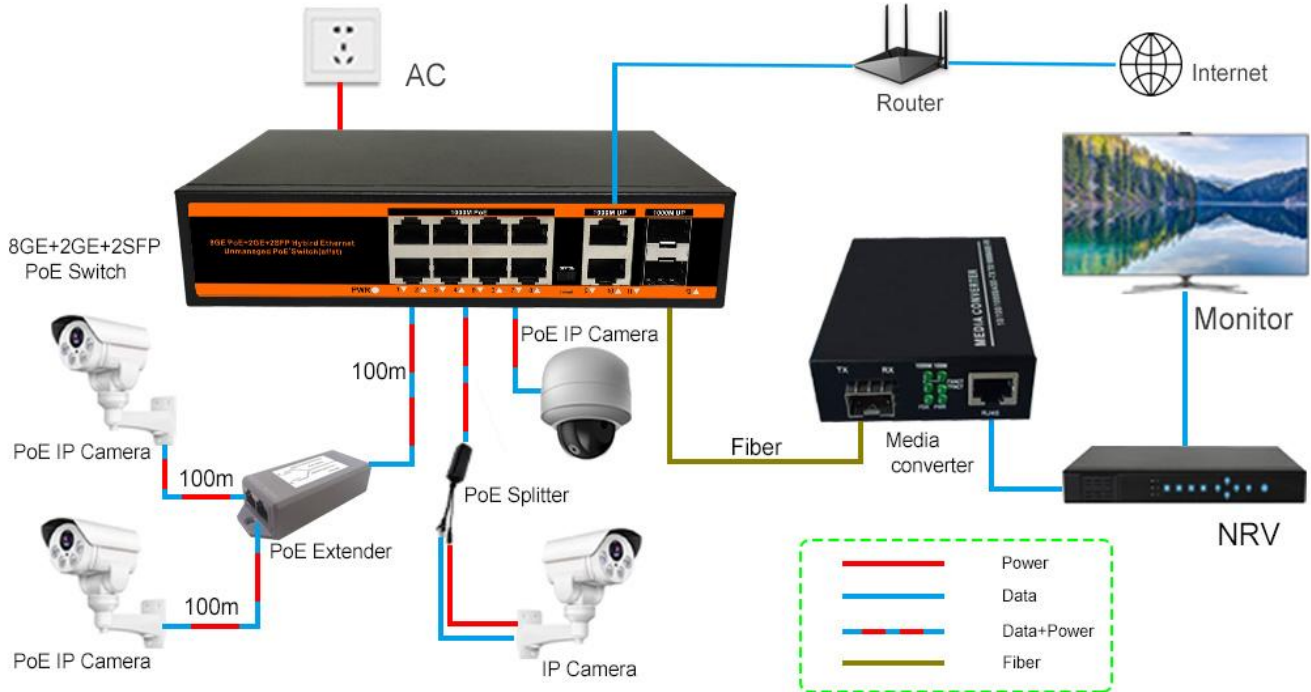
Total PWR/ Input Voltage	120W (52VDC)
Power Supply	External power adapter,AC100~240V 50-60Hz 1A
Power Consumption	Standby<4W, Full load<300W
Operation TEMP/Humidity	-20°C+55°C, 5%~90% RH Non condensing
Storage TEMP/Humidity	-40°C+75°C, 5%~95% RH Non condensing
Dimension (L*W*H)	220mm*140mm*45mm
Weight	0.81KG
Installation	Desktop.Wall-mounted
Lightning protection / protection level	Port lightning protection: 4KV 8/20us, Protection level: IP30

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Application



Order Information

Part No	Description of product	Unit
ND-HPG0822	12 ports switch with 8*10/100/1000M bit PoE ports,2*10/100/1000M Uplink Port and 2*1000Mbps SFP Slot ,PoE Standard: IEEE 802.3af/at,PoE data & power transmission distance 100meters(1000Mbps),250meters(10Mbps),power supply :120W	pc