16*10/100Mbps PoE Switch

ND-HP1621G

NEWBRIDGE®

FEATURES

- 16*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
- Whole machine power: 300W
- Adopts store-and-forward architecture
- Fanless, natural cooling, small,compact and quiet design, suitable for desktop or wall
- Support lightning protection 4KV

Newbridge®ND-HP1621G 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 16 PoE-powered RJ45 ports, 2 RJ45 uplink ports and 1 independent SFP expansion slot . All of sixteen RJ45 ports support IEEE 802.3af/at standard , with a maximum power supply of 30W for a single port and 300W 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

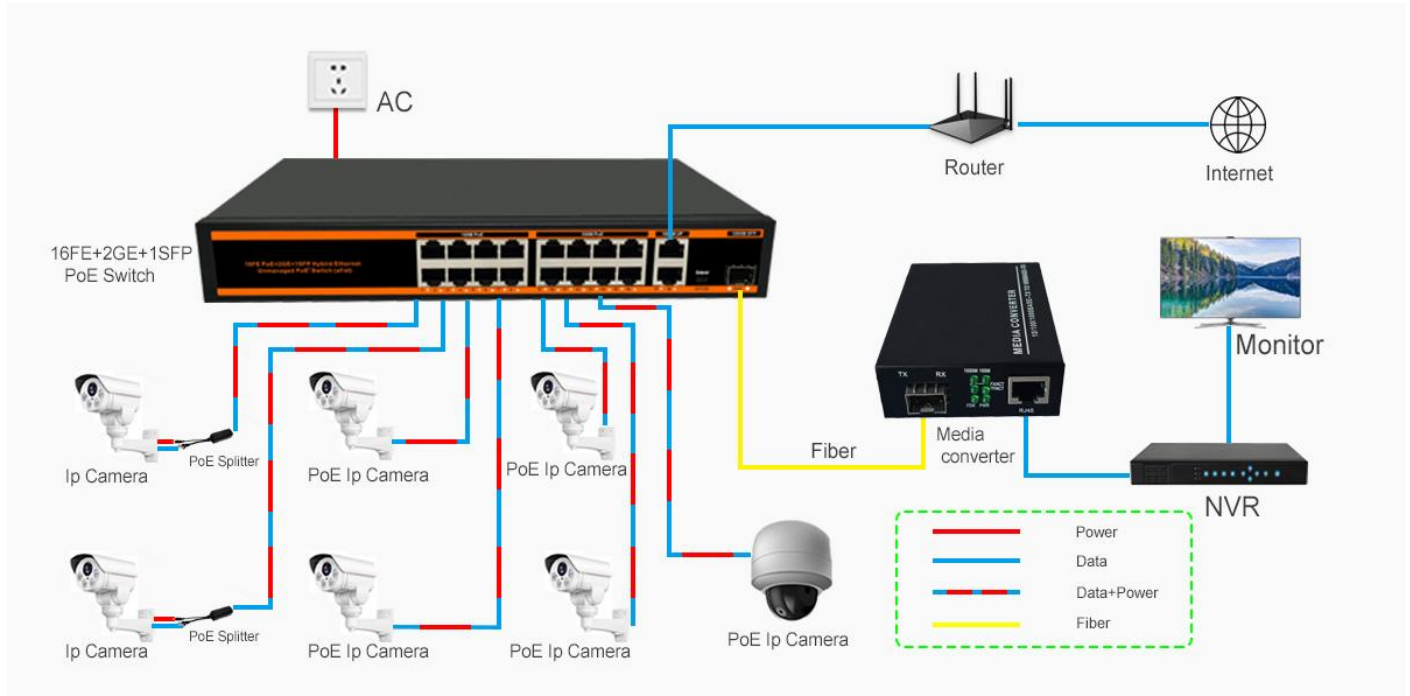| Item			Description
Power	Power Adapter Voltage		AC 110V-240V
	Consumption		300W(52V,2.3A)
Network Connector	Network Port	PoE Ethernet Port	1～16 Port：10/100Mbps
		Ethernet port	Uplink Port：10/100/1000Mbps
		SFP Port	SFP Port: 1000Mbps
	Transmission Distance		1～16 Port：100Mbps:0~100m; 10Mbps: 0~250m;
			Uplink Port：0 ~ 100m
			SFP: depends on the optical module(20km...100km）
	Transmission Medium		Cat5/5e/6 standard network cable

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Network Switch	Network Standard	IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab
	Switching Capacity	9.2Gbps
	Packet buffer memory	1Mbits
	Throughput	6.8448Mpps
	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)	310mm*183mm*45mm
	Color	Black
	Weight	1.75kg

Application

Order Information

Part No	Description of product	Unit
ND-HP1621G	19 ports switch with 16*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),300W power supply	pc