

ND-FP0820G Non-standard PoE Switch



OVERVIEW:

The ND-FP0820G is a non-standard PoE switch independently developed by NEWBRIDGE. It has 8*10/100M PoE ports and 2*10/100/1000M uplink RJ45 ports. Port 1-8 can support 24V non-standard PoE. Single-port PoE power up to 30W. As a non-standard PoE power supply device, it must be connected to the corresponding non-standard electrical equipment (such as a wireless bridge), or the corresponding non-standard separation line to convert, and then achieve the PoE power supply. It can supply power to various adaptable terminals through network cables to meet the demand for high density PoE power supply network environment. It is suitable for hotels, campuses, factory dormitories, and small and medium-sized enterprises to establish cost-effective networks.

Unmanaged model, plug and play, no configuration, easy to use.

FEATURE:

- 10/100Mbps access, Dual RJ45 Uplinkports
 - ◇ Provides 8*10/100M RJ45 ports and 2*10/100/1000M RJ45 ports, which is more convenient for users to flexibly set up to meet the network requirements of various scenarios.
 - ◇ Support non-blocking wire-speed forwarding.
 - ◇ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.
- Intelligent PoE power supply function
 - ◇ 8*10/100Base-TX RJ45 ports can support 24V PoE power supply meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
 - ◇ The maximum PoE output power of single port is 30W.
 - ◇ It can quickly realize the power supply function of POE cable through the two ways of switching directly to non-standard electrical equipment or switch and non-standard separation line.
- Easy to use
 - ◇ Plug and play, no configuration, simple and convenient.
 - ◇ The user-friendly panel, it can show the device status through the LED indicator of Power, L/A.
 - ◇ With function switch, port 1-8 can support 10M/250m transmission and video surveillance

8*10/100Mbps Non-standard PoE Switch

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mode when turned on.

- Stable and reliable
- ◇ CCC,CE, FCC, RoHS.
- ◇ Low power consumption, galvanized steel casing, No fan.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

TECHNICAL SPECIFICATION:

Model	ND-FP0820G
Fixed Port	8*10/100Base-TX PoE ports (Data/Power) 2*10/100/1000Base-TX uplink RJ45 Ports (Data)
Ethernet Port	10/100Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption
Function Switch (EXTEND)	Port 1-8support port VLAN and 10M/250m transmission
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	5.6Gbps
Forwarding Rate@64byte	4.1664Mpps
MAC	8K
Buffer Memory	2M
Twisted pairTransmission	10BASE-T : Cat5 or later UTP(≤250 meter) 100BASE-TX : Cat5 or later UTP(≤100 meter)
PoE Port	Port 1-8 can support 24V PoE

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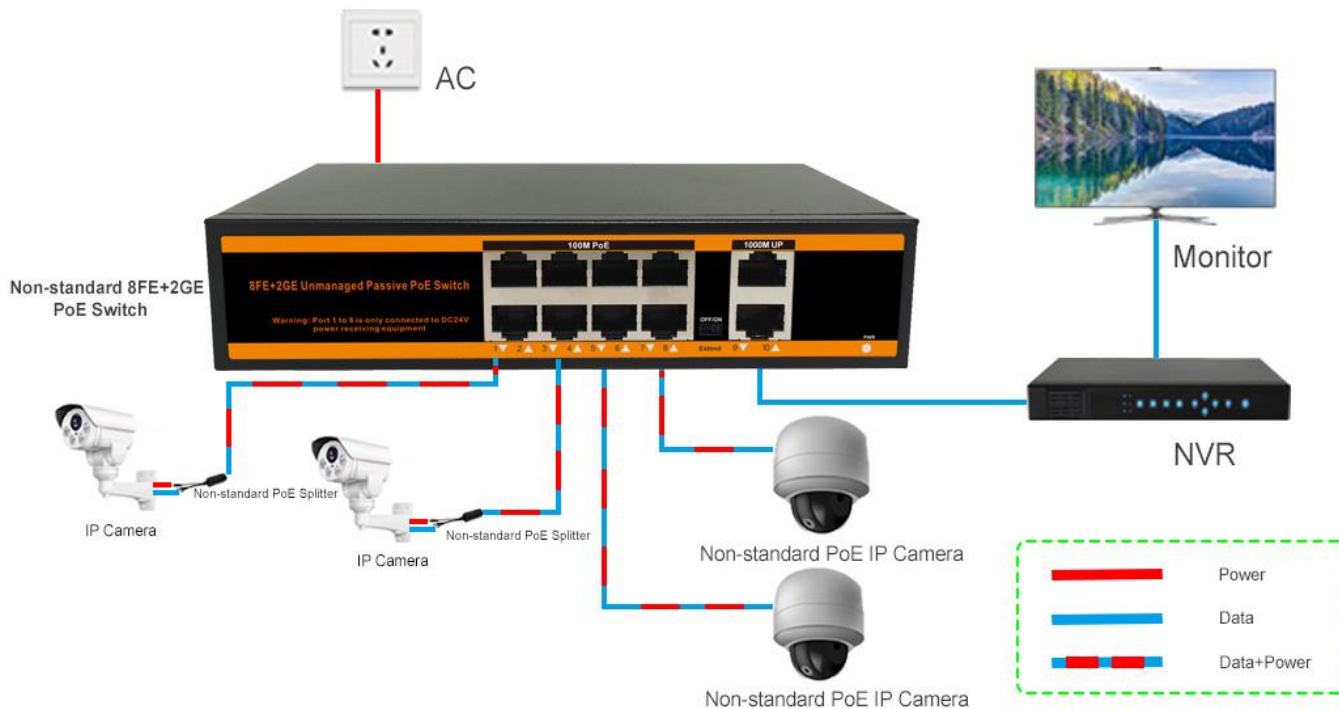
Power Supply Pin	Default 4/5(+), 7/8(-)
Single-port Max/AVG Power	30W/15W
Total PWR/ Input Voltage	120W/ (AC100-240V)
Power Supply	External power adapter,AC100~240V 50-60Hz 2A
Power Consumption	Standby<5W, Full load<120W
LED Indicator	Power: PWR (Green), Network:L/A (Green), Function switch: EXTEND (Green)
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	1.05kg
Installation	Desktop.Wall-mounted
Lightning protection / protection level	Port lightning protection: 2KV 8/20us, Protection level: IP30
Warranty	1 years, lifelong maintenance

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APPLICATION



Ordering Information:

Part No	Description of product	Unit
ND-FP0820G	8*10/100Mbps PoE+Port,2*10/100/1000Mbps Uplink port, PoE data & power transmission distance 100meters(100Mbps),250meters(10Mbps) ,optional power supply 120W	pc