

# 24\*10/100Mbps PoE Switch

ND-HP2422G



## FEATURES



- 24\*10/100Mbps 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: 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-HP2422G 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 24 PoE-powered RJ45 ports, 2 RJ45 uplink ports and two independent SFP expansion slots . All of twenty-four 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              |  |
| Network Connector | Network Port          | PoE Ethernet Port | 1~24 Port : 10/100Mbps   |
|                   |                       | Ethernet port     | Uplink Port : 10/100/1000Mbps  |
|                   |                       | SFP Port          | SFP Port: 2*1000Mbps SFP   |
|                   | Transmission Distance |                   | 1~24 Port : 100Mbps:0~100m;<br>10Mbps: 0~250m;<br>Uplink Port : 0 ~ 100m<br>SFP: depends on the optical module(20km...100km) |

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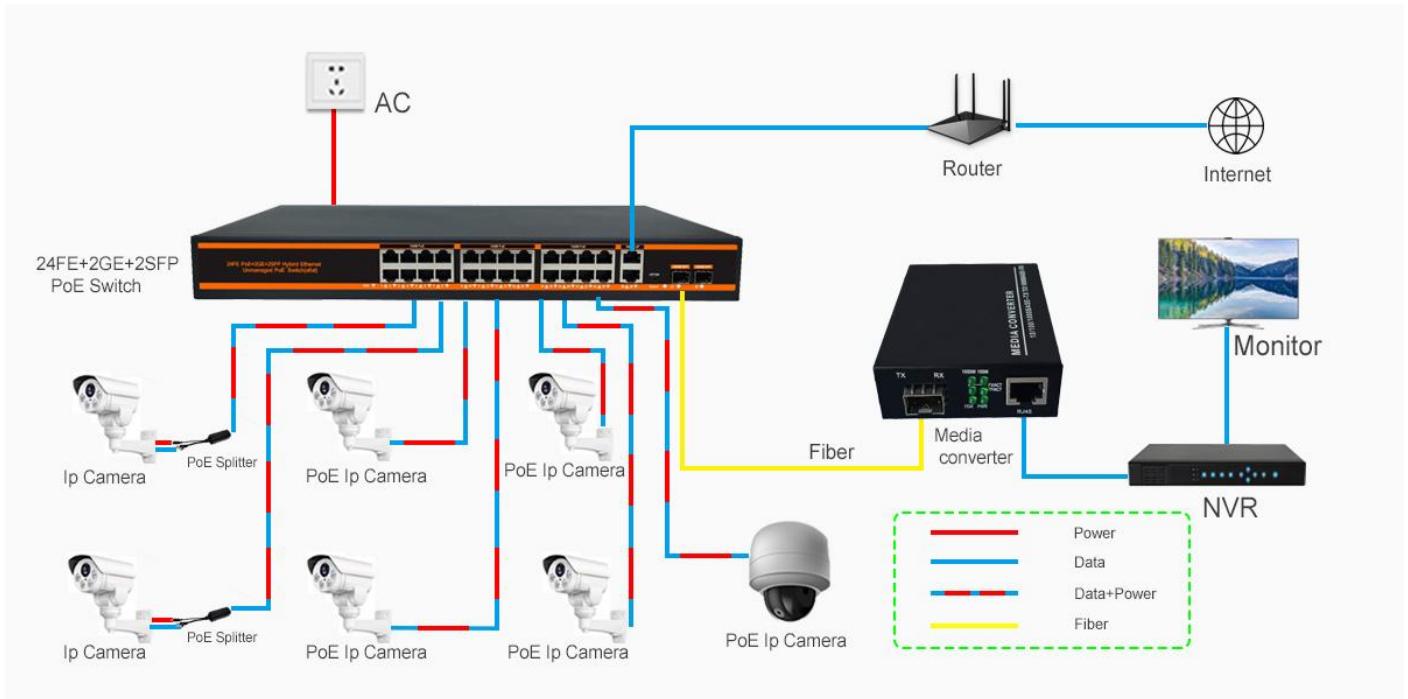
|                     |                       |  |
|---------------------|-----------------------|--|
|                     | Transmission Medium   | Cat5/5e/6 standard network cable   |
| Network Switch      | Network Standard      | IEEE802.3/802.3u,<br>IEEE802.3x,IEEE802.ab   |
|                     | Switching Capacity    | 12.8Gbps   |
|                     | Packet buffer memory  | 1Mbits   |
|                     | Throughput            | 9.5232Mpps   |
|                     | MAC Table             | 2K   |
|                     | Paket Forwarding Rate | 10Mbps:14880pps/port<br>100Mbps:148800pps/port<br>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°C~55°C   |
|                     | Relative Humidity     | 20~95%   |
|                     | Storage temperature   | -20°C~70°C   |
| Mechanical          | Dimension (L×W×H)     | 440mm*192mm*45mm   |
|                     | Color                 | Black  |
|                     | Weight                | 2.35KG   |

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## Application



## Order Information

| Part No    | Description of product   | Unit |
|------------|--|------|
| ND-HP2422G | 27 ports switch with 24*10/100M 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(100Mbps), 250meters (10Mbps), 300W power supply | pc   |