

8*10/100Mbps PoE Switch

ND-AP0820G



FEATURES



- 8*10/100Mbps PoE ports, 2*10/100/1000Mbps uplink port,
- Support IEEE802.3af/at
- Support restrain network storm, VLAN function
- Support Max Transmission distance up to 250m
- Support Watchdog function
- 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®The 8-port 10/100Mbps unmanaged PoE switch provides seamless data connectivity for 10/100Mbps Ethernet and PoE power for powered devices such as network surveillance cameras and wireless (AP).

The switch has 8* 10/100Mbps PoE+ ports + 2* 100/1000Mbps uplink ports, where 1-8 100 Mbps downlink power ports all support powering PoE network cameras via UTP Category 5 and above unshielded twisted pair cables . 8 *10/100 Mbps adaptive RJ45 downlink ports all support 802.3af/at standard PoE power supply. Support priority mechanism, when the remaining power is insufficient, the power supply of the high priority port is guaranteed first to avoid overloading the equipment. The maximum PoE output power of the whole machine is 120W, and the maximum power supply power of individual ports is 30W.

The 8 ports of Power over Ethernet support watchdog function, which automatically detects the data communication status in real time. When a port communication fault occurs, the corresponding port restarts automatically to recover the network communication and avoid manual maintenance.the Value lies in help to build the AI intelligent security transmission ecosystem.

Users can easily understand the working status of the device through the power indicator and status indicator of each port, plug-and-play, no configuration required, simple and convenient.

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Specification

| | | | |
|---------------------|-----------------------|-------------------|--|
| Model | ND-AP0820G | | |
| Power | Power Adapter Voltage | AC 110V-240V | |
| | Consumption | 120W(52V, 2.8A) | |
| Network Connector | Network Port | PoE Ethernet Port | 1~8 Port : 10/100Mbps |
| | | Ethernet port | Uplink Port : 10/100/1000Mbps |
| | | Watchdog | 1-8 port |
| | Transmission Distance | | 1~8 Port : 100Mbps:0~100m; 10Mbps: 0~250m; Uplink Port : 0 ~ 100m |
| | Transmission Medium | | SFP: depends on the optical module(20km...100km) Cat5/5e/6 standard network cable |
| Network Switch | Network Standard | | IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab |
| | Switching Capacity | | 5.6Gbps |
| | Packet buffer memory | | 1Mbits |
| | Throughput | | 4.1664Mpps |
| | 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) | | 190mm*125mm*38mm |
| | Color | | Black |
| | Weight | | 0.81kg |

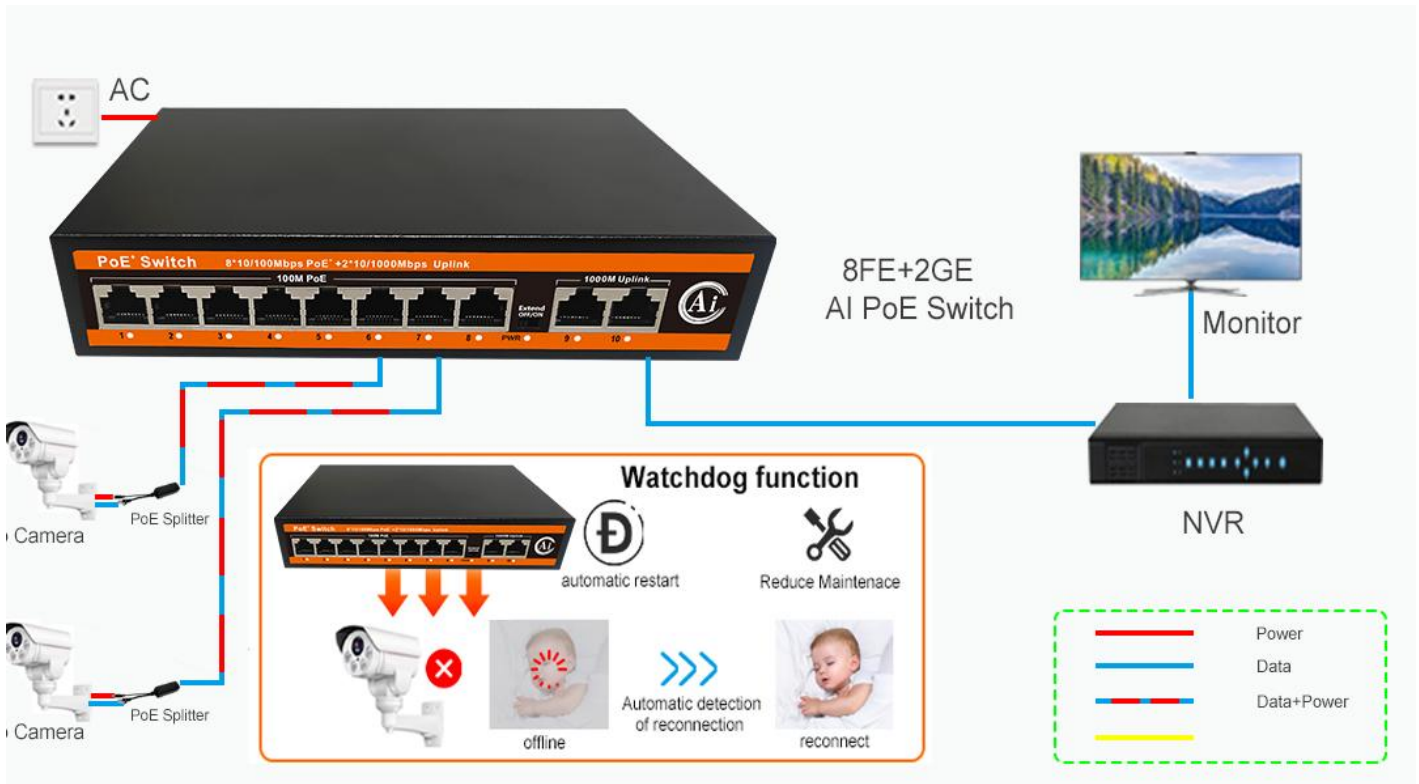
Application



Shenzhen Newbridge Communication Equipment CO.,LTD.

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Order Information

| Part No | Description of product | Unit |
|------------|--|------|
| ND-AP0820G | 10 ports switch with 8*10/100M bit PoE ports,2*10/100/1000M Uplink Port , PoE Standard: IEEE 802.3af/at,PoE data & power transmission distance 100meters(100Mbps),250meters(10Mbps),power supply :120W,support Watchdog function | pc |