

# PNET-8ETM

## 8 Port Gigabit Ethernet Switch



### Product Description

The 8-port Gigabit intelligent Ethernet switch adopts high-quality and high-speed network ICs, and this product completely solves the problem of noise of small switches in the office environment through the fanless mute design. This switch has 8 Gigabit RJ45 ports, can provide seamless connection for 10/100/1000M Ethernet, the product can be widely used in Security network video surveillance, hotel, campus, small and medium-sized enterprise network engineering and other occasions.

### Main Features

- 8x Gigabit RJ45 Ports
- Apply to IEEE802.3, IEEE802.3u, IEEE802.3ab standard
- Ethernet ports support 10/100/1000M adaptive
- Support Auto MDI/MDIX
- Panel indicators to monitor working status and help fault analysis
- Flow control, full duplex adopts IEEE802.3x standard, half duplex adopts Backpressure standard

### Application Environment

- Metro Optical Broadband Network: Data network operators such as telecommunications, cable TV, and network system integration, etc.
- Broadband private network: Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries
- Multimedia transmission: Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications
- Real-time monitoring: Simultaneous transmission of real-time control signals, images and data

## Specifications

| I/O Interface           |   |
|-------------------------|---|
| Power                   | DC 5V   |
| Ethernet                | 8*Gigabit RJ45 Ports  |
| Chip Solution           |   |
| Main Chip               | EN8850DHE   |
| Performance             |   |
| Switching Capacity      | 16Gbps  |
| Throughput              | 11.90Mpps   |
| Package cache           | 4Mbit   |
| MAC Address             | 8K  |
| Jumbo Frame             | 15Kbytes  |
| Transfer Mode           | Store and forward   |
| Network Parameters      |   |
| Network Protocol        | IEEE802.3 (10Base-T)<br>IEEE802.3u (100Base-TX)<br>IEEE802.3ab (1000Base-TX)<br>IEEE802.3x (Flow control)   |
| Network Medium          | 10Base-T: Cat3, 4, 5 or above UTP (≤100m)<br>100Base-TX: Cat5 or above UTP (≤100m)<br>1000Base-TX: Cat5 or above UTP (≤100m)                            |
| Certification           |   |
| Safety certificate      | CE, FCC, RoHS   |
| Environmental Standards |   |
| Working Environment     | Working Temperature: -10~50°C<br>Storage Temperature: -20~70°C<br>Working Humidity: 10%~90%, non-condensing<br>Storage Humidity: 5%~95%, non-condensing |
| Indication              |   |
| LED Indicators          | PWR (Power indicator) 、 Link (Network Link)   |
| PWR                     | On: power on<br>Off: no power   |
| Link                    | On: 10/100/1000M link connection is normal<br>Blinking: Data transmission is normal<br>Off: link failure  |
| Mechanical              |   |
| Structure Size          | Product Size: 138x78x25 mm<br>Packing Size: 175x120x63 mm<br>Product Weight: 0.24Kg<br>Packing Weight: 0.37Kg   |
| Packing Info            | Outer box size: 520x335x380 mm<br>Packing quantity: 40 PCS<br>Packing weight: 15.8KG  |
| Operating Voltage       | Power interface: DC5.5x2.1 mm<br>Switch input voltage: DC 5V-1A   |
| Total power             | Maximum 5W  |
| Packing list            | 1. Switch: 1 PCS<br>2. User manual: 1PCS<br>3. Warranty: 1 PCS<br>4. Power Adapter: 1 PCS   |

# Product Dimensions

