

**Fore**edge

**24 Port | Gigabit Easy  
Smart Switch**

**NS6024GC**

**Product brochure**

Shenzhen Fengrunda Technology Co., Ltd

## Product Introduction:

NS6024GC is a 24-port full Gigabit easy smart desktop switch designed for Internet cafes, enterprises, campuses and smart communities. Provides 24 10/100/1000Mbps RJ 45ports. All ports support full line-speed forwarding and MDI/MDIX automatic transfermission. All ports support 6KV high-reliability lightning protection design. At the same time, the product also supports common management protocols, such as : VLAN, QOS, port statistics, system configuration and other functions. It has the characteristics of simplicity, economy, energy saving and high performance. It is the good choice for video surveillance applications in Internet cafes, enterprises.



## Key features:

### Port 6KV lightning protection

All ports support 6KV lightning protection

### Switching features

- Non-blocking switching architecture, all ports support line-speed forwarding.
- Provides 24 Gigabit RJ45 ports.
- Supports IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control.
- Supports automatic flipping of uplink ports (Auto MDI/MDIX).

### Management features

- System management: device information, IP configuration, account management, system upgrade, etc.
- Monitoring and management: port statistics
- Device configuration: VLAN, QoS, port configuration, port isolation, port mirroring, etc.
- Device management: supports WEB UI, Apollo cloud management

## Product Specifications:

|                      |   |
|----------------------|---|
| <b>Interface</b>     | <ul style="list-style-type: none"><li>● 24 10/100/1000Mbps RJ45 port</li></ul>  |
| <b>Standards</b>     | <ul style="list-style-type: none"><li>● IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab</li></ul>   |
| <b>Performance</b>   | <ul style="list-style-type: none"><li>● Switching Capacity: 48Gbps (non-blocking)</li><li>● Packet forwarding rate: 35.7Mpps</li><li>● MAC table: 8K</li><li>● Forwarding mode: Store-and-forward</li></ul>                                       |
| <b>LED Indicator</b> | <ul style="list-style-type: none"><li>● Power indicator: 1</li><li>● LINK/ACT indicator: 24</li></ul>   |
| <b>Power</b>         | <ul style="list-style-type: none"><li>● Input: AC 100-240V/50-60Hz</li></ul>  |
| <b>Dimensions</b>    | <ul style="list-style-type: none"><li>● LxWx H: 284mm*180mm*44mm</li></ul>  |
| <b>Environment</b>   | <ul style="list-style-type: none"><li>● Working temperature: 0 °C ~ 40 °C</li><li>● Storage temperature: -40 °C ~ 70 °C</li><li>● Working humidity: 10% ~ 90% RH does not condense</li><li>● Storage humidity: 5%~90% RH non-condensing</li></ul> |
| <b>Safety</b>        | <ul style="list-style-type: none"><li>● CE/ROHS/FCC</li></ul>   |

| <b>Software Specifications</b> |  |
|--------------------------------|--|
| <b>System Management</b>       | Device Information<br>Networking configuration<br>Account management<br>System restart<br>System upgrade |
| <b>Monitoring Management</b>   | Packet statistics  |
| <b>Port Configuration</b>      | Port configuration<br>Port isolation<br>Port mirroring   |
| <b>QoS</b>                     | Storm suppression<br>Port speed limit  |
| <b>VLAN</b>                    | VLAN member<br>VLAN configuration  |
| <b>Management</b>              | Support WEB UI management<br>Support Apollo cloud platform management                                    |