

## RP-G0401DC

### 4-P Gigabit + 1-SFP Ethernet Switch

Easily boost your networking throughput; the equips 4 Gigabit ports that lead you to a real Gigabit connection. Users are now able to transfer large and high bandwidth-needed files faster and hence get a real efficiency improvement. In addition to the cooper port, 1 of the port supports fiber connection with the equipped SFP ports for obtaining long-distance communication.

The switch offers users with fast and reliable network. The store-and-forward architecture filters errors and forwards packets in a non-blocking environment. Flow control ensures the correctness of data transmitting. The 802.3x and backpressure flow control mechanisms work respectively for full and half duplex modes.

The switch features with easy installation and maintenance. It supports Nway auto-negotiation protocol that detects the networking speed (10/100/1000 Mbps) and the duplex modes (Full/Half) automatically. Auto-MDI/MDI-X function alleviates the effort to use crossover cables. Also, rich diagnostic LEDs are provided for users to get real-time information of the connection status.



## Features

- Complies with IEEE802.3, IEEE 802.3u, IEEE 802.3ab and IEEE 802.3z standards.
- 4 \* 10/100/1000 Mbps RJ-45 Nway ports
- 1\* 1000 Mbps SFP port for optional fiber optical communication
- Supports NWay protocol for speed (10/100/1000Mbps) and duplex mode (Half/Full) auto-detection
- Support auto-detection for SFP module inset
- Supports MDI/MDI-X auto crossover
- Supports full and half duplex operation on all copper ports
- Supports back-pressure (half duplex) and flow control (IEEE 802.3x)
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture
- Supports 9K bytes Jumbo frame.
- Power saving ability for Green networking

## Specifications

<b>Standards</b>	<ul style="list-style-type: none"><li>• IEEE802.3, IEEE802.3u, IEEE802.3z/ab and IEEE802.3x standards</li></ul>
<b>Interface</b>	<ul style="list-style-type: none"><li>• 4* 10/100/1000Mbps RJ-45 switching ports</li><li>• 1* 1000 Mbps SFP port</li></ul>
<b>NWay Protocol Support</b>	<ul style="list-style-type: none"><li>• Network speed: 10 / 100 / 1000Mbps</li><li>• 10Mbps: Full/Half duplex</li><li>• 100Mbps: Full/Half duplex</li><li>• 1000Mbps: Full duplex</li></ul>
<b>LED indicators</b>	<ul style="list-style-type: none"><li>• 1* Power(green)</li><li>• 4* 10/100/1000M LINK/ACT (green)</li><li>• 1* Fiber LINK/ACT (green)</li></ul>
<b>Jumbo frame</b>	<ul style="list-style-type: none"><li>• Supports 9K bytes Jumbo frame</li></ul>
<b>MAC address</b>	<ul style="list-style-type: none"><li>• Supports 4K-entry look-up table with auto-learning function</li></ul>
<b>Buffer memory</b>	<ul style="list-style-type: none"><li>• 1Mb SRAM for data buffe</li></ul>
<b>Power Supply</b>	<ul style="list-style-type: none"><li>• External power adapter 5VDC @ 2A</li></ul>
<b>Environment</b>	<ul style="list-style-type: none"><li>• Operating Temperature: 0°C~40°C</li><li>• Operating Humidity : 10%~90% (Non-Condensing)</li></ul>
<b>Dimension</b>	<ul style="list-style-type: none"><li>• W111 x D96 x H30mm</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>• FCC, CE</li></ul>

## Ordering information

**RP- G0401DC** 4-P Gigabit + 1-SFP Ethernet Switch