RP-G1416D
16-P Gigabit Ethernet Switch

Easily boost your networking throughput, the rack-mountable switch provides you 16 10/100/1000Mbps 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.

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 N-Way auto-negotiation protocol, which detects the networking speed (either 10/100/1000 Mbps) and the duplex modes (Full or Half duplex mode) automatically and do an immediately adjustment to advance the capability and performance. Auto-MDI/MDI-X function alleviates the effort to use crossover cables. Users need not to prepare crossover cables for equipment connectivity. Also, rich diagnostic LEDs are provided for users to get real-time information of the connection status that helps to do quick response and correction.RP-G1416D, is in a compact 8.5" cabinet designed, with its long bracket kits allow you to install into a 19-inch rack or optional kits to extend to 10-inch rack.

Features

- Supports MDI/MDI-X auto crossover
- Supports full and half duplex operation on all ports
- Supports back-pressure (half duplex) and flow control (IEEE 802.3x)
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets
- Support s 802.1p CoS
- Supports EEE(802.3az) feature on/off push button for power saving or performance mode
- Supports 8K MAC address entries in whole system
- 256K packet buffer memory
- Supports 9K bytes Jumbo Frames
- Fanless design for silent operation
- With 19" Rack Mount Kits
- With 10" Rack Mount Kits(optional)

Specifications

Standard	• 802.3 Ethernet, 802.3u Fast Ethernet, 802.3ab Gigabit Ethernet • 802.3x flow control for full duplex • 802.3az Energy Efficient Ethernet support • 802.1p CoS
Interface	• 16 * 10/100/1000Mbps RJ-45 switching ports
NWay Protocol Support	• Network speed: 10 / 100 / 1000Mbps • 10Mbps: Full/Half duplex • 100Mbps: Full/Half duplex • 1000Mbps: Full duplex
MAC Address Table	• 8K
Jumbo Frame	• 9K bytes
Buffer memory	• 256KBytes
LED Indications	• Per Unit: Power and System status each • Per Port: Activity/Link
Temperature	• Operating: 0°C ~ 50°C
Humidity	• Operating: 10% ~ 90% RH, non-condensing
Power Supply	• Internal Power supply 100~240VAC, 50/60 Hz
Dimensions	• 216 x 133 x 42 mm (8.5-inch desktop size)
Certification	• FCC, CE

Ordering information

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