



8 port External Power Gigabit Switch RC410

User Manual



Features

- 8 Gigabit Ethernet Ports with non-blocking Wire-speed Performance
- 176 KB On-chip Frame Buffer
- Jumbo Frame Support
- 8K MAC Address
- Full Duplex Flow Control(IEEE Std 802.3x™) and Half Duplex Back pressure

Package Cotents

- 1 x 8-Port Gigabit Switch
- 1 x AC/DC Power Adapter
- 1 x User Manual
- 4 x rubber feet

Front Panel LED Indicators

The following table provides descriptions of the LED status and their meaning.

LED	Color	Status	Description
Power	Green	ON	The power of the Switch is On
1000 Link/Act	Green	ON	A valid connecting with 1000 Mbps
		Blink	Receiving Packets
100 Link/Act	Green	ON	A valid connection with 100 Mbps
		Blink	Receiving Packets

- **RJ-45 Ports** : 8×10/100/1000Mbps auto-sensing Fast Ethernet/Gigabit Ethernet ports.
- **Auto MDI/MDI-X** : You can connect any device(including PC, Switch, Hub) to a port of this Switch using a regular cable. The RJ-45 port will auto-detect and auto-switch to the correct MDI/MDI-X mode(do not need to use a specific uplink port or cross-Over cable).
- **DC Power Connector** : Plug DC Power Adapter's female end into This device, and the male end of the DC Power Adapter into a Power outlet. The Adapter supply the Switch with Voltage 5V, Current 2A.

Hardware Installation

This device will work with all OS' s because there is no configuration needed for this stand-alone device. This switch has auto MDI-X ports that will auto-sense the cable type that you are using for each port. The switch will then automatically change the polarity of the port as need to ensure a link with either a straight-through or crossover cable. Remember, if you have a link light then you are using the correct cable. When connecting to a Gigabit device a straight-through Ethernet cable will always be used. Gigabit does not use uplink ports or crossover Ethernet cables. This is because Gigabit uses all 8 wires of an Ethernet cable, instead of 4 wires like 10/100.

Product Specification	
Model	8-Port 10/100/1000Mbps Gigabit Switch
MAC Address Size	8K entries
Buffer Memory	176 KBytes on-chip frame buffer
Transmission Method	Store-and-forward
Status LEDs	Per Unit: Power Per Port: 1000 Link /Act and 100 Link/Act
Forwarding Rate	10Mbps – 14,880 pps/100Mbps – 148,810pps/ 1000Mbps – 1,488,100pps
Interface Options	
RJ-45	10BASE-T,100BASE-TX,1000BASE-T Universal UTP Cable Recognition for Straight-Through or Crossover Cables (MDI/MDI-X)
Network Protocol and Standards	
IEEE	802.3 Ethernet, 802.3u Fast Ethernet, 802.3u Fast Ethernet, 802.3x Flow Control & 802.3ab Gigabit Ethernet
Electrical & Electrical Emissions Summary	
Emissions	CE Mark, FCC Class A
Power Supply	DC Input: 5V, 2A
Environmental	
Operating Temperature: 50~131°F(10~55°)	
Operating Humidity: 10~95%(Non-condensing)	
Physical Specifications	
Dimensions(W × H × D): 16.2 x 14.4 x 2.6 cm	

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