

RP-G108Q

8-Port Gigabit Switch

Quick Installation Guide

V1.0



1. Before You Start

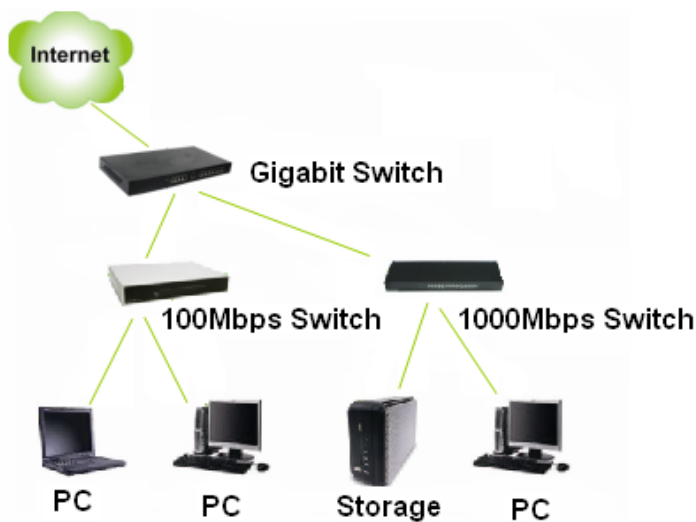
Package Contents

1. RP-G108Q
2. Quick Installation Guide
3. AC Power Adapter (5 VDC, 1 A)

Installation Requirements

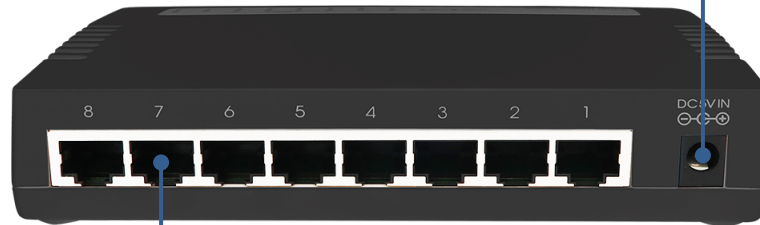
- A computer with a network adapter installed
- Cat-5e or Cat-6 Network Cable
- The surface must support at least 1,5 Kg for the Switch.
- The power outlet should be within 1.82 meters (6 feet) of the Switch. □
- Make sure that it is securely connected to the power adapter.
- Make sure that there is proper heat dissipation from and adequate ventilation around the Switch.
- Do not place heavy objects on the Switch

2. Application



3. Hardware Installation

3. Connect the AC Power Adapter to the RP-G108Q and then to a power outlet.



4. Connect a CAT-5e or CAT-6 RJ-45 network cable from the computer to RP-G108Q.



Notice

The cable distance between 16/24 port Switch and other IEEE802.3 compatible network device should not exceed 100 meter. Make sure the wiring is correct. It can be used Category 3/4/5 cable in 10 Mbps operation. To reliably operate your network at 100Mbps, you must use an Unshielded/Shielded Twisted-Pair (UTP/STP) Category 5 cable, or better Data Grade cabling. While a Category 3 or 4 cable may initially seem to work, it will soon cause data loss. All kinds of IEEE802.3 compatible network device (Hub, Switch, PC) can connect to Switch by using straight-through wires or crossover wires because of Switch's auto MDIX function.

4. LEDs

Power

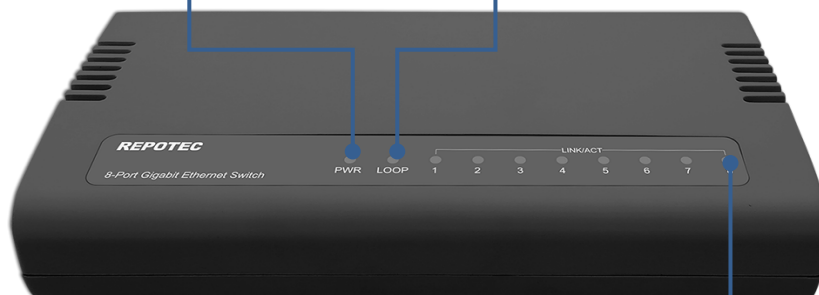
Green: Power is on.

Not Illuminated: Power is off.

Loop

Red (Blinking): Loop detected

Not Illuminated: Nothing is detected on the port.



Link/ACT

Green(Solid): Link to another device.

Green(Blinking): Activity is occurring from the link

Not Illuminated: Nothing is detected on the port.

5. Technical Specifications

Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x Flow Control
Cables	Ethernet: Cat. 3,4,5, up to 100m Fast Ethernet: Cat. 5, up to 100m Gigabit Ethernet: Cat. 5, 5e,6, up to 100m
Data Transfer Rate	Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex) Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex) Gigabit Ethernet: 2000Mbps (full-duplex)
Protocol / Topology	CSMA/CD / Estrela
Interface	8* 10/100/1000 Mbps RJ-45 ports
Data RAM Buffer	256K bytes
Jumbo Frame Support	9K bytes
Switch Fabric	16Gbps Forwarding Capacity
MAC Address Learning	Automatic Update
Filtering Table	8K entries per device
Temperature	Operating: 0° ~ 40° C (32° ~ 104° F) Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	Operating: 10% ~ 90% Storage: 5% ~ 90%
Diagnostic LEDs	Power, Link/ACT, Loop detection
Power Adapter	5V DC, 1A External Power Adapter
Dimensions	150 x 80 x 29.8 mm
Certification	FCC, CE Class B, LVD

RP-G108Q

8-Port Gigabit Switch

Guia de Instalação Rápida

V1.0



P/N:41AR-G108Q000-A00

1. Antes de Iniciar

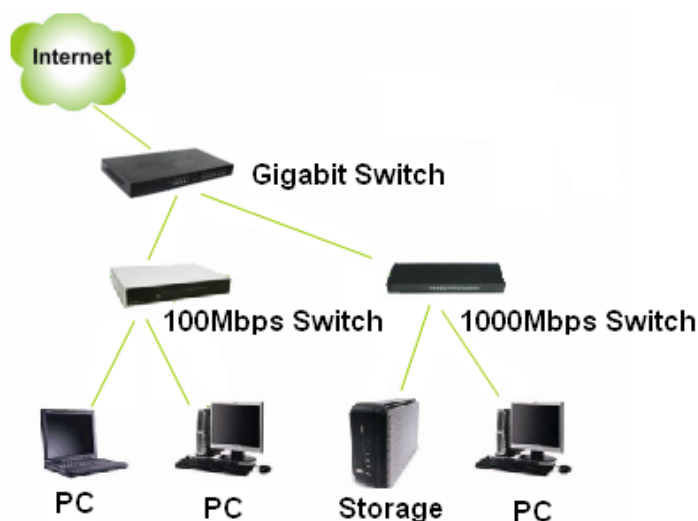
Conteúdo da Embalagem

4. RP-G108Q
5. Guia de Instalação Rápida
6. Adaptador Externo de Tensão (5 VDC, 1 A)

Requisitos Mínimos

- Computador com adaptador de rede instalado
- Cabo de rede Cat-5e ou Cat-6
- Superfície deve suportar no mínimo 1,5 Kg
- A tomada elétrica deve estar a no máximo 1,82 metros (6 feet) do Switch. □
- Assegure-se de que o cabo de alimentação está adequadamente conectado.
- Assegure-se de que há ventilação adequada e dissipação de calor apropriada no entorno do Switch
- Não coloque objetos pesados sobre o Switch

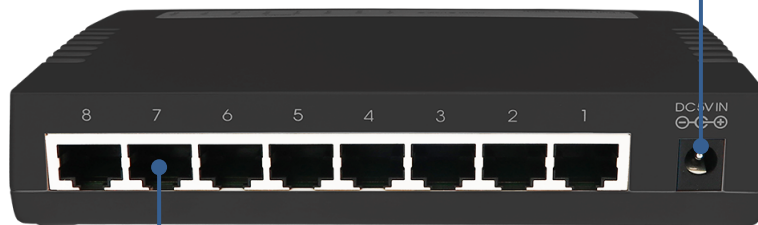
2. Aplicação



3. Instalação do Hardware

2. Conecte o Cabo de Alimentação ao RP-G108Q e então a uma tomada elétrica.

1. Conecte o Cabo de Alimentação ao RP-G108Q e então a uma tomada elétrica.



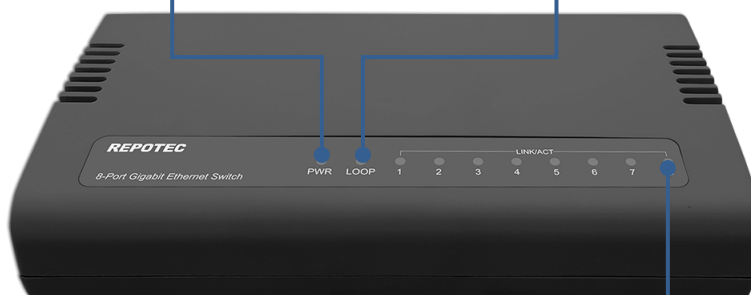
Aviso

The cable distance between the Switch and other IEEE802.3 compatible network device should not exceed 100 meter. Make sure the wiring is correct. It can be used Category 3/4/5 cable in 10 Mbps operation. To reliably operate your network at 100Mbps, you must use an Unshielded/Shielded Twisted-Pair (UTP/STP) Category 5 cable, or better Data Grade cabling. While a Category 3 or 4 cable may initially seem to work, it will soon cause data loss. All kinds of IEEE802.3 compatible network device (Hub, Switch, PC) can connect to Switch by using straight-through wires or crossover wires because of Switch's auto MDIX function.

4. LEDs

Power
Verde: Ligado.
Não Iluminado: Desligado.

Loop
Vermelho (Piscando): Loop é detectado
Não Iluminado: Nada é detectado na porta.



Link/ACT
Verde (Estático): Conectado a outro dispositivo.
Verde (Piscando): Link em atividade.
Não Iluminado: Nada é detectado na porta.

5. Especificações Técnicas

Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x Flow Control
Cabos	Ethernet: Cat. 3,4,5, up to 100m Fast Ethernet: Cat. 5, up to 100m Gigabit Ethernet: Cat. 5, 5e,6, up to 100m
Taxa de Transferência de Dados	Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex) Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex) Gigabit Ethernet: 2000Mbps (full-duplex)
Protocolo/Topologia	CSMA/CD / Estrela
Interface	8* 10/100/1000 Mbps RJ-45 ports
Data RAM Buffer	256K bytes
Suporte a Jumbo Frame	9K bytes
Switch Fabric	16Gbps Capacidade de Encaminhamento
Aprendizado de Endereço MAC	Atualização automática
Tabela de Filtragem	8K entradas por dispositivo
Temperatura	Funcionamento: 0° ~ 40° C (32° ~ 104° F) Armazenamento: -10° ~ 70° C (14° ~ 158° F)
Umidade	Funcionamento: 10% ~ 90% Armazenamento: 5% ~ 90%
LEDs de Diagnóstico	Power, Link/ACT, Loop detection
Adaptador Externo de Tensão	Adaptador Externo de Tensão 5V DC, 1A
Dimensões	150 x 80 x 29.8 mm
Certificação	FCC, CE Class B, LVD