## :Introduction

RGS-P9000 is a modular managed Ethernet switch with 4 slots, providing you with great operational flexibility. You can make the best of the switch by
installing different modules based on your needs. The switch supports up to 24 Gigabit SFP ports and 410 Gig bit ports.
: Package Contents

| Contents | Pictures | RGS-P9000-LV | RGS-P9000-HV_US | RGS-P9000-HV_EU |
| :---: | :---: | :---: | :---: | :---: |
| Console Cable | $\mathrm{C}^{+\infty}$ | x 1 | x 1 | x 1 |
| CD |  | x 1 | x 1 | x 1 |
| Q1G | $A$ | x 1 | x 1 | x 1 |
| Screw (M3 X4) | * | $\times 8$ | $\times 8$ | x 8 |
| Rack-mounted kit (L\&R) <br> kit (L\&R) | (4i) | x 1 | x 1 | x 1 |
| Power cord | $0$ | - | X 1 (US Type) | X 1 (EU Type) |

## : Preparation

Before you begin installing the switch, make sure you have all of the package contents available and a PC with Microsoft Internet Explorer 6.0 or later, for using web-based system management tools.

## - Safety \& Warnings

1. Elevated Operating Ambient: If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be installing the equipment in an environment compatible with the maximum mbient temperature (Tma) specified by the manuffacturer.
$\triangle$
Reduced Air Flow: Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.
Mechanical Loading: Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical
loading. ading
Circuit Overloading: Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the cir
might have on overcurrent protection and supply wiring. Appropriate might have on overcurrent protection and supply wriring. Appropriate
consideration of equipment nameplate ratings should be used when addressing this concern.

External metal parts of this equipment are extremely hot!! Before touching the

## :- Interface modules



## :- Installation

## - Rack-mounting

Step 1: Install left and right front mounting brackets to the switch using 4 M3 screws on each side provided with switch.
Step 2: With front brackets orientated in front of the rack, nest front and rear brackets logether. Fasten together using remaining M4 screws into counter sunk holes.
Step 3: Fasten the front mounting bracket to the front of the rack.


With 100BASE-TX/10BASE-T cable, pins used for receiving data.


Console cable
Use the provided
Se the provided DB-9 to RJ-45 cable (RS-232 cable) to connect the switch to a
PC with the RJ-45 connector attached to the switch console port and the DB-9

| PC pin out (male) | RS-232 with DB9 | D8960. R 45 |
| :---: | :---: | :---: |
| Pin ${ }^{\text {d2RD }}$ | Pin ${ }^{\text {2 }}$ TD | Pin ${ }^{\text {2 }}$ |
| Pin 33 TD | Pin 4 R RD | Pin*3 |
| Pin 45 SND | Pin 45 SND | Pin ${ }^{5}$ |

```
- Wiring
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## Power inputs The RGS-P900

The RGS-P9000 series support dual redundant power supplies, Power Supply 1 (PWR1) and Power supply ${ }^{2}$
STEP 1: Remove the transparent protective cover from the terminal block STEP 1: Remove the transparent protective cover from the terminal block
STTP 2: $n$ nest the negativelpositive DC wires into the V-N+ terminals, respectively.
STEP 3: To keep the DC wires from pulling loose, use a small flat-blade screwdriver to tighten the STEP S: To keep he DC wires foo de th loose, use a sman ho-blade screwdriver to wire-clamp screws on the front of the terminal block connector.
STEP4: After wiring is completed, put the transparent cover back to the terminal block.
Relay contact
The switch provides fail open and fail close options for you to form relay circuits based on your needs. If you want the relay device to start operating at power failure, attach the two wires to CON connector will respond to user-configured events according to the wiring.
the switch console port and
female connector to the PC.

## Managed Gigabit Ethernet Switch

 Which

## Quick Installation Guide

- Grounding

Grounding and wire routing help limit the effects of noise due to electromagnetic
interference (EMI). Run the interierence (EMI). Run the ground connection from

## Configurations

After installing the RGS-P9000 and connecting cables, start the switch by turning on power. The green power LED should turn on


1. Launch the Internet Explorer and type in IP address of the switch. The
default stataic $\mathbb{P}$ address is 192.168 .10 .1

2. Log in with default user name and password (both are admin). After logging in, you should see the following screen. For more information operatingurations, please refer to the user manual. For information on
op
ont Ring website.

## (amman <br> 

$\bigcirc$ Resetting
To reboot the switch, press the Reset button for 5 seconds.
To restore the switch configurations back to the factory defaults, press the Reset
button for 5 seconds.

RGS-P9000 Serfes
Managed Gigabit Ethernet Switch
:Specifications



