## Quick Installation Guide

## :Introduction

The RGPS-R9244GP+-P is a Layer-3 Gigabit managed Ethernet switch with $24 \times 10 / 100 / 1000$ Base-T(X) IEEE802.3at P.S.E. ports and $4 \times 1 \mathrm{G} / 10 \mathrm{~GB}$ ase-X SFP+ ports. The P.S.E-enabled ports are able to provide sufficient power for power-hungry devices with up to 30 w per port. The switch supports various Ethernet redundancy protocols such as O-Ring (recovery time $<30 \mathrm{~ms}$ over 250 units of connection) and MSTP (RSTP/STP compatible) to protect mission-critical applications from network interruptions or temporary malfunctions. With dual power inputs $60^{\circ} \mathrm{C}$. It can be managed via ORing's proprietary Open-Vision software well the Web-based interface, Telnet and command line interface.

## :- Package Contents

The device is shipped with the following items. If any of these items is missing or damaged, please contact your customer service representative

| Contents | Pictures | Number |
| :---: | :---: | :---: |
| RGPS-R9244-GP+-P | $\longrightarrow$ | x 1 |
| Console Cable | $)^{\infty}$ | x 1 |
| CD |  | x 1 |
| QIG | $\square$ | x 1 |
| Screw (M4 X6) | * | x 6 |
| ( ${ }_{\text {Rack-mounted }}^{\text {Rit }}$ (LRR) | $\dot{i} \cdot \dot{0}$ | x 1 |
| Power cord |  | x 1 |

## : 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

Elevated Operating Ambient: If installed in a closed or multi-unit rack assembly the operating ambient temperature of the rack environment may be
greater than room ambient. Therefore, consideration should be given to greater than room ambient. Therefore, consideration should be given to
installing the equipment in an environment compatible with the maximum ambient temperature (Tma) specified by the manufacturer.

Reduced Air Flow: Installation of the equipment in a rack should be such that the low equpment is sot compromised
Mechanical Loading: Mounting of the equipment in the rack should be
Circuit Overloading: Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings
should be used when addressing this concern.

- Dimension


Layer-3 Managed Gigabit PoE Ethernet Switch

## :- Installation

## - Rack-mounting

Step 1: Install left and right front mounting brackets to the switch using three screws on each side. Step 2: With front brackets orientated in front of the rack, fasten the brackets to the rack using two more screws.


- Network Connection

The series have standard Ethernet ports. According to the link type, the switch uses CAT 3, 4 , ${ }_{5}$ 5,5 UTP 5,5e UTP cables to connect to any other network devices (PCs, servers, switches, routers, or hubs). Please refer to the following table for cable specification

| Cable | Type | Max. Length | Conne |
| :---: | :---: | :---: | :---: |
| 108ASET | Cat. 3, 4, | UTP | RJ-45 |
| 1008AEETX | Cat. 5100 -ohm UTP | UTP 100 m ( 328 ft) | RJ-45 |
| 1000BASE-T | Cat. 5 / Cat. 5e 100-ohm UTP | UTP 100 m ( 328 +t) | RJ.45 |

With 10/100BASE-T(X) cables, pins 1 and 2 are used for transmitting data, and pins 3 and 6 are used for receiving data. The device also supports auto MDIMDI-X operation. You can use a cable to connect the switch to a PC
$\underset{\substack{\text { Forpin } \\ \text { tables. }}}{ }$

| 10/1008ase-T(X) P.S.E. R. RJ 45 port |  |
| :---: | :---: |
| Number | Assignm |
| \#1 | TD+ with PoE Power input |
| \#2 | TD- with PoE Power input + |
| \#3 | RD+ with PoE Powe |
|  |  |


| 10008ase-T P.S.E. R. R-45 port |  |
| :---: | :---: |
| Pin Number | Assignment |
| \#1 | Bl_DA + with PoE Power inpu |
| \#2 | BI DA- with PoE Power inut + |
| \#3 | Bl_DB with PoE Power input- |
| \#4 | BI_DC+ |
| \#5 | Bl_CC- |
| \#6 | BI_DB-with PoE Power in |
| \#7 | BIL |
| \#8 | BI_DD- |

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## :- Configurations

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

- LED indication table


1. Launch the Internet Explorer and type in IP address of the switch. The
default static IP address is 192.168.10.1


Legin
2. Logging in yuu should see the following screen. For more information
on configurations please refer to the user manual. For information on on contigurations, please refer to the user manual. For information on
operating the switch using ORing's Open-Vision management utility, pleas operating the switch using ORing's Open-Vision management utility, pleas
go to ORing wessite.

| Windows Security | 2 | - |
| :---: | :---: | :---: |
| Enter Network Password |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| (2) Logon failure unknown user name or bad password. |  |  |
| ok Concel |  |  |

- Resetting

To reboot the switch, press the Reset button for $2-3$ seconds.
To restore the switch configurations back to the factory defaults, press the Reset button
for 5 seconds.
:'Specifications


Layer-3 Managed Gigabit PoE Ethernet Switch


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