## Quick Installation Guide

## :Introduction

The IGS-9042GP is a full-Gigabit managed Ethernet switch with four 10/100/1000Base-T(X) ports and two 100/1000Base-X SFP ports. With complete support for Ethernet redundancy protocols such as O-Ring (recovery time $<30 \mathrm{~ms}$ over 250 units of connection) and MSTP (RSTP/STP compatible), the device can protect mission-critical applications from network interruptions or temporary malfunctions with fast recovery technology. With a wide operating temperature from $-40^{\circ} \mathrm{C}$ to $75^{\circ} \mathrm{C}$, the
device can be managed centrally via ORing's proprietary Open-Vision detform as will wia Weble

## - 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 for assistance.

| Contents | Pictures | Number |
| :--- | :---: | :---: |
| IGS-9042GP |  | $\mathrm{x}_{1}$ |
| CD |  | x 1 |
| DIN-rail Kit |  | x 1 |
| Wall-mount Kit | $\ddots$ | x 1 |
| Console Cable |  | x 1 |
| QiG |  |  |

## :- 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 \& Warning

1. 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
installing the equipment in an environment compatible with the maximum ambient temperature ( $T$ ma) specified by the manufacturer.
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.

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Industrial Managed PoE Gigabit Switch

Mechanical Loading: Mounting of the equipment in the rack should be such that a
hazardous condition is not achieved due to uneven mechanical loading.
Circuit Overloading: Consideration should be given to the connection of the equipment
to the supply circuitand the effect that overloading of the circuits might have on overcurrent
protection and supply wiring. Appropriate consideration of equipment nameplate ratings protection and supply wiring. Appropriate consideration of equipment nameplate rating
should be used when addressing this concern.

- Dimension

- Panel Layouts


Top Panel


1. Term
, Relay

## Installation

## - DIN-rail Installation

Step 1: Slant the switch and screw the Din-rail kit onto the back of the switch, right in
Step 2: Slide the switch onto a DIN-rail from the Din-rail kit and make sure the switch Step 2: Slide the switch
clicks into the rail firmly.


## - Wall-mounting

Step 1: Screw the wall-mount kit onto the rear panel of the switch. A total of six
screws are required, as shown below.
Step 2: Use the switch, with
correct locations of the four screws. and then slide the switch downwards. Tighten the screws for added stability.


- Network Connection

The switch provides standard Ethernet ports. According to the link type, the switch uses CAT 3.4,5,5 UTP cables to connect to any other network devices (PCs, servers. switches, routers, or hubs). Please refer to the following table for cable specifications.
Cable Types and Specifications:

| cable | туpe | Max. Length | Connector |
| :---: | :---: | :---: | :---: |
| 108ASET T | Cat. 3, 4, 5100-ohm | UTP 100 m (328 ft) | RJ-45 |
| 100BASETX | Cat. 5100.ohm UTP | UTP 100 m (328 ft) | RJ-45 |
| 1000BASE-T | Cat. 5 / Cat. 5e 100.ohm UTP | UTP 100 m (328 fi) | RJ.45 |

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## Configurations

After installing the switch, the green power LED should turn on. Please refer to the

| Led | Color | Staus | Descripition |
| :---: | :---: | :---: | :---: |
| PWR | Green | on | DC power on |
| PWR1 | Green | on | DC power module 1 activated |
| PWR2 | Green | on | DC power module 2 activated |
| R.M | Green | on | Ring Master |
| Ring | Green | On | Ring enabled |
|  |  | Blinking | Ring structure is broken (i.e. part of the ring is disconnected) |
| Faut | Amber | on | Fauly relay (power failure or port disconnected) |
| 10/100/1000Base-TX G igabit Ethemet ports |  |  |  |
| LnK/Act | Green | On | Poort link up |
|  |  | Blinking | Data transmitted |
| Speed | Green | On | Port linkat 1000Mbps |
|  | Amber | on | Portlinkat 100mbps |
|  | Green/Amber | off | Port linkat 10Mbps |
| SFP ports |  |  |  |
| Lnk/Act | Green | on | Poortlink up |
|  |  | Blinking | Data transmitted |

Follow the steps to set up the switch:

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


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.

## ORing

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Industrial Managed PoE Gigabit Switch

## :-Specifications


*Note1: This function is available by request only
Notete2: HW version 3.0

