## PaE <br> cicabit BWITEH industria <br> Quick Installation Guide

## $\because$ Introduction

IGPS-9084GP-LA is layer2 managed PoE Ethernet switch with $8 \times 10 / 100 / 1000$ Base-T(X) P.S.E. ports and $4 \times 100 / 1000$ Base-X SFP ports The switch support Ethernet Redundancy protocol, O-Ring (recovery time 20 ms over 250 units of connection) and MSTP (RSTP/STP compatible) can protect your mission-critical applications from network interruptions o temporary malfunctions with its fast recovery technology. IGPS-9084GPLA also support Power over Ethernet, a system to transmit electrical power up to 30 watts, total PoE power budget is 240 W max, along with data, to IGPS-9084GP-LA switch has 8x10/100/1000Base-T(X) P.S.E. (Power Sourcing Equipment) ports. P.S.E. is a device (switch or hub for instance) that will provide power in a PoE connection. And support wide operating temperature from $-40^{\circ} \mathrm{C}$ to $75^{\circ} \mathrm{C}$. IGPS-9084GP-LA can also be managed centralized and convenient by Open-Vision, Except the Web-based interface, Telnet and console (CLI) configuration

## :- 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 |
| :---: | :---: | :---: |
| IGPS-90846P-LA |  | x1 |
| CD |  | x1 |
| DIN-rail Kit |  | x 1 |
| Wall-mount Kit |  | x 1 |
| Console Cable | (S) | x 1 |
| Q16 | $5$ | x1 |

## :- Preparation

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

## Safety \& Warning

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 ambient temperature (Tma) specified by the manufacturer,
$\triangle$ Reduced Air Flow: Installation of the equipment in a rack should be such hat the amount of
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.
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 protection and supply wiring. Appropriate consideration of equipment nameplate rating
should be used when addressing this concern.

- Dimension


Unit $=m \mathrm{~m}$ (Tolerance $\pm 0.5 \mathrm{~mm}$ )

## Panel Layouts <br> Front View <br>  <br> 1. PWR indicators <br> 1. PWR indicators 2. Faulty relay indicator 3. R.M. 5 tataus LED 4. Ring statu S. Po S. Pe indicators for LAN ports 6. Reset button <br> 5. Roeset button 7. Link/ Act LED for Gigabit LAN <br> | (.Lints |
| :---: |
| port |
| 8. Gigabit PoE LAN ports | <br> 8. Gigabit PoE LAN ports 9. speed LED for 10. $\operatorname{ligabit}$ LAN ports 10. Console por <br> 10. Console por 11. SFP Ports



Top Pane

1. Wall-mount screw holes
2. Din-rail screw holes

3. Terminal blocks: PWR1, PWR2
4. Ground wire.

## :- 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 Sten 2: Sidide 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 soter and then ssitr a screw head through the large parts of the keyhole-shaped aperture


The switch provides standard Ethernet ports. According to the link type, the switch uses
The switch provides standard Ethernet ports. Ac ording to the lin CAT $, 4,5,5 \mathrm{e}$
switches, routers, or cabs hubs). Please refer to the following table for cable pecifications.
Cable Types and Specifications:

| Cable | тype | ma | Connector |
| :---: | :---: | :---: | :---: |
| 108 | Cat. | UTP 100 m (328 f) | RJ45 |
| 100BAEETX | Cat. 5100-ohm UTP | UTP 100 m (328 | RJ.45 |
| 1000BASE-T | Cat. $5 /$ Cat. 5 e 100-ohm UTP | UTP $100 \mathrm{~m}(328 \mathrm{ft})$ | 45 |

## Pa <br> cIcABIT

## ICPS-9084CP-LA

## Configurations

After installing the switch, the green power LED should turn on. Please refer to the following tablet for LED indication.

| Led | Color | Status | Descripition |
| :---: | :---: | :---: | :---: |
| PWR | Green | on | DC power on |
| PWR1 | Green | on | ${ }^{\text {C } ~ p o w e r ~ m o d u l e ~} 1$ 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 | Fauty relay (power failure or port disconnected) |
| PoE | Green | On | Power supplied over Etereret |
| 10/100/10008ase-T(X) Gigabit PoE Ethernet ports |  |  |  |
| LNK/Act | Green | On | Port link up |
|  |  | Blinking | Datat transmitted |
| Speed | Green | On | Port linkat 1000Mbps |
|  | Amber | On | Port linkat 100mbps |
|  | Green/Amber | off | Port link at 10Mbps |
| SFP ports |  |  |  |
| LnK/Act | Green | on | Port link up |
|  |  | Blinking | Datat 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.


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.


Industrial Managed PoE Gigabit Switch

## :Specifications



