## PaE <br> cicabit EWITEH NDUStrial <br> Quick Installation Guide

## :-Introduction

IGPS-1042GPA is an unmanaged Ethernet Switch with 4x10/100/1000Base-T(X) P.S.E ports with $2 \times 100 / 1000$ Base-X SFP ports and extended operating temperature range from $-40^{\circ} \mathrm{C}$ to $75^{\circ} \mathrm{C}$ for the harsh environments. IGPS 1042 GPA supports power over Ethernet, a system to transmit electrical power, along with data, to remote devices over standard
twisted-pair cable in an Ethernet network. P.S.E is a device (switch or hub for instance) that will provide power in a PoE setup. Therefore, the switch is one of the most reliable choices for PoE Ethernet application.

## : Features

$>$ Support 4 ports 10/100/1000Base-T(X) P.S.E ports.
Support IEEE 802.3 at compliant PoE and total power budget is 120 Watts with maximum 30Watts per port
Support auto-negotiation and auto-MDI/MDI-X
$>$ Support store and forward transmission
Support flow control
$>$ Support Jumbo frame up to 10 K Bytes
$>$ Provide Relay output for power failed warning system
Rigid IP- 30 housing design
DIN-Rail and wall mounting enabled

## :- 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-1042GPA |  | x 1 |
| DIN-rail Kit | 宣 | x 1 |
| Wall-mount Kit | (i) | x 2 |
| QIG |  | x 1 |
| 6-pin terminal block | Fin | x1 |

## :- Preparation

 Before you begin installing the switch, make sure you have all of the packagecontents available and a 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 installing the equipment in an environment compatible with the maximum mbient temperature (Tma) specified by the manufacture


Panel Layouts
Front View


Top Panel


$$
\begin{aligned}
& \text { 1. Wall-mount screw holes } \\
& \text { 2. Termminal blocks: PWR1, PWR2 } \\
& \text { 'Relay } \\
& \text { 3. IDP Switch } \\
& \text { 4. Ground wire. }
\end{aligned}
$$

## : Installation <br> DIN-rail Installation <br> 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 clicks into the rail firmly. <br>  <br> Wall-mounting <br> Step 1: Screw the wall-mount kit onto the rear panel of the switch. A total of six screws are required, as shown below. tep 2: Use the switch <br> orrect locations of the four screwnt plates attached, as a guide to mark the Step 3: Inserta a screw head through the large parts of the keyhole-shaped apertures, and then slide the switch downwards. Tighten the screws for added stability. <br> 

Network Connection The switch provides standard Ethernet ports. According to the link type, the switch uses
CAT $3,4,5,5 \mathrm{E}$ UTP cables to connect to any other network devices (PCs, servers, switches, reut
specifications.
Cable Types and Specifications:

| cable | туpe | Max. Length | Connector |
| :---: | :---: | :---: | :---: |
| 10AASET | Cat. 3, 4, 5100-ohm | UTP 100 m (328 ft) | RJ.45 |
| 1008ASETX | Cat. 5100 -ohm UTP | UTP 100 m (328 fi) | RJ.45 |
| 1000BASE. |  |  |  |

ORing

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IGPS-1.042GPA

:Specifications


Industrial Unmanaged Gigabit PoE Switch


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