## Media <br> Ganverter

industrial

## Quick Installation Guide

## :Introduction

The IGMC-111GP is a cost-effective solution for conversion between 10/100/1000Base-T (X) and 100/1000Base-X SFP interfaces, allowing you to extend communication distance by optical fiber. The device supports MDI/MDIX auto detection, so you don't need to use crossover wires. It also supports LFP (Link Fault Pass-through). When one side of the link fails,
the other side continues to the other side continues to transmit packets and will wait for a response that never arrives from the disconnected side. LFP can be easily enabled using the DIP switch. Once enabled, the link will shut down as soon as it is
notified that the other link has failed, giving the application software a chance to react to the situation. The IGMC-111GP has a wide operating temperature range from $-40 \sim 75^{\circ} \mathrm{C}$ and a wide voltage range between $12 \sim 48 \mathrm{VDC}$, so it is suitable for harsh operating environments.

## : Package Contents

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

| Contents | Pictures | Number |
| :--- | :---: | :---: |
| IGMC-111GP |  | $\mathrm{x}_{1}$ |
| DIN-rail Kit |  |  |
| Wall-mount Kit |  | x 1 |
| QIG |  | x 2 |
| 4-pin terminal block |  | x 1 |

## :Preparation

Before installation, 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

Elevated Operating Ambient: If installed in a closed cabinet, the operating ambient temperature of the rack environment may be greater than room ambie Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (Tma) specified
by the manufacturer. Re manuacurer.
$\triangle$
Reduced Air Flow: Installation of the equipment should be such that the
amount of air flow amount of air
compromised.

1. Mechanical Loading: Mounting of the equipment in the din-rail 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 yiring. Appropriate consideration of equipment nameplate ratings
should be used when addressing this concern.

- Dimension (Unit: mm)

- Panel Layouts


1. Power LED
2. LNK/ACK LED for SFP port
3. LFP status LED
4. Fault LED
5. 

6uplex LED for Giga port
6. SFP port
7. DIP-switch 2
8. Giga port LNK/ACT LED
8. Giga port
10. Giga port speed LED
12. DP-switch 1
12. Faulty termina


Real Panel

## Industrial Gigabit Media Converter

## Installation

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


- Wall-mounting

Step 1: Screw the two pieces of wall-mount kits onto both sides of the switch. A total of eight screws are required, as shown below.
Step 2: Use the switch, with wall mount plates
Step 2:
locations of the four screws. Step 3: Insert four screw heads through the large parts of the keyhole-shaped apertures, and then slide switch diards. Tighten the four screws for added stability


## :- Configurations

After installing the device and connecting cables, the green power LED should turn on After installing the device and connecting cables, the
Please refer to the following tablet for LED indication.

:Specifications



## ORing



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