

# RGMC-111GPB

➤ **Industrial Rack mount card type Ethernet to fiber media converter with 1x100/1000Base-T(X) to 1x100/1000Base-X, SFP socket**

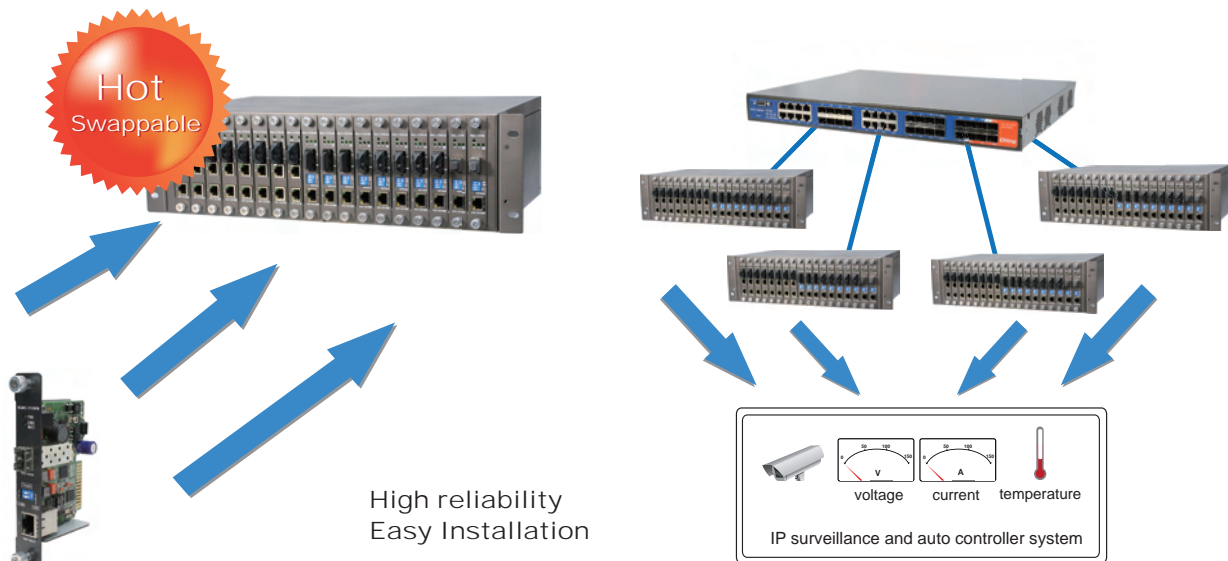
## Features

- Supports 1 port 100/1000Base-T(X) auto-negotiation and auto-MDI/MDI-X
- Support Ethernet to SFP port signal conversion
- Ethernet port supports full/half duplex operation
- SFP port support full-duplex operation
- Supports store and forward transmission
- Provided DIP-Switch to setting SFP speed
- Hot-swappable, High reliability and easy installation
- Up to 18 slot high density installation in RMC-1000 chassis on 19 inches rack



## Introduction

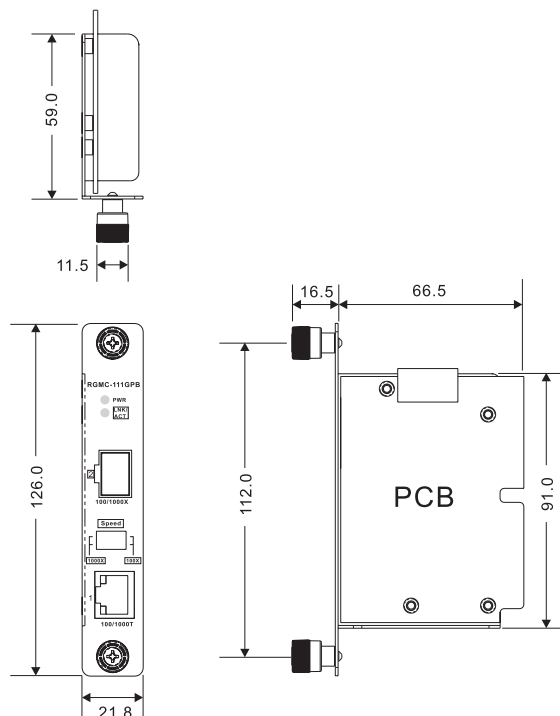
RGMC-111GPB is industrial rack mount card type Ethernet to fiber media converter for rack-mounted chassis box of RMC-1000, that supports hot-swappable and easy installation to RMC-1000. RGMC-111GPB is a cost-effective solution for the conversion between 100/1000Base-T(X) and 100/1000Base-X SFP interface, it allows you to extend communication distance by optical fiber. RGMC-111GPB supports MDI/MDIX auto detection, so you don't need to use crossover wire. Therefore, the RGMC-111GPB to collocate RMC-1000 is reliable media converter and can satisfy most demand of operating environment.



## Working Status

Ethernet Port Status	SFP Fiber Port Status	Working Status
100Mbps	100Mbps	Working
100Mbps	1000Mbps	Not Avail
1000Mbps	1000Mbps	Working
1000Mbps	100Mbps	Not Avail

## Dimensions



(Unit=mm)

## Specifications

ORing Media Converter Model	RGMC-111GPB
<b>Physical Ports</b>	
100/1000Base-T(X) Ports in RJ45 Auto MDI/MDIX	1
100/1000Base-FX SFP port	1
<b>Technology</b>	
Ethernet Standards	IEEE 802.3u for 100Base-TX and 100Base-FX IEEE 802.3ab for 1000Base-T IEEE 802.3z for 1000Base-X
Processing	Store-and-Forward
DIP-Switch 1/2	DIP-Switch 1 (ON) and DIP-Switch 2 (ON) : SFP speed setting to 100Mbps DIP-Switch 1 (OFF) and DIP-Switch 2 (OFF) : SFP speed setting to 1000Mbps
<b>LED Indicators</b>	
Power / Indicator	Green : Power LED x 1
10/100Base-T(X) RJ45 port indicator	LED for Link/Act and Speed indicator ~ Green on only : 1000Mbps Link/Act - (ON) Link up / (Flash) Acting / (OFF) Link down Green and Amber on : 100Mbps Link/Act - (ON) Link up / (Flash) Acting / (OFF) Link down <b>*Note : If amber on only : 10Mbps (This is not avail mode)</b>

100/1000Base-(F)X fiber port indicator	Green for fiber port Link/Act - (ON) Link up / (Flash) Acting / (OFF) Link down
<b>Power</b>	
Power consumption (Typ.)	3.6Watts
Overload current protection	Present
<b>Physical Characteristics</b>	
Dimensions (W x D x H)	21.8 (W) x 66.5 (D) x 126 (H) mm
Weight (g)	125g
<b>Environmental</b>	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-10 to 60°C (14 to 140°F)
Operating Humidity	5% to 95% Non-condensing
<b>Regulatory Approvals</b>	
EMI	FCC Part 15, CISPR (EN55022) class A, EN50155 (EN50121-3-2, EN55011, EN50121-4)
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6
Warranty	2 years

## Ordering Information

RGMC-1 **A** **B** GPB

Code Definition	100/1000Base-T(X) Port Number	100/1000Base-(F)X SFP Port Number
<b>Option</b>	- <b>1</b> : 1 port	- <b>1</b> : 1 port

Available Model	Model Name	Description
	RGMC-111GPB	Industrial Rack mount card type Ethernet to fiber media converter with 1x100/1000Base-T(X) to 1x100/1000Base-X, SFP socket
<b>Packing List</b>		<b>Optional Accessories (Can be purchased separately)</b>
<ul style="list-style-type: none"> <li>RGMC-111GPB</li> <li>Quick Installation Guide</li> </ul>		