



Gigabit Media Converter

Overview

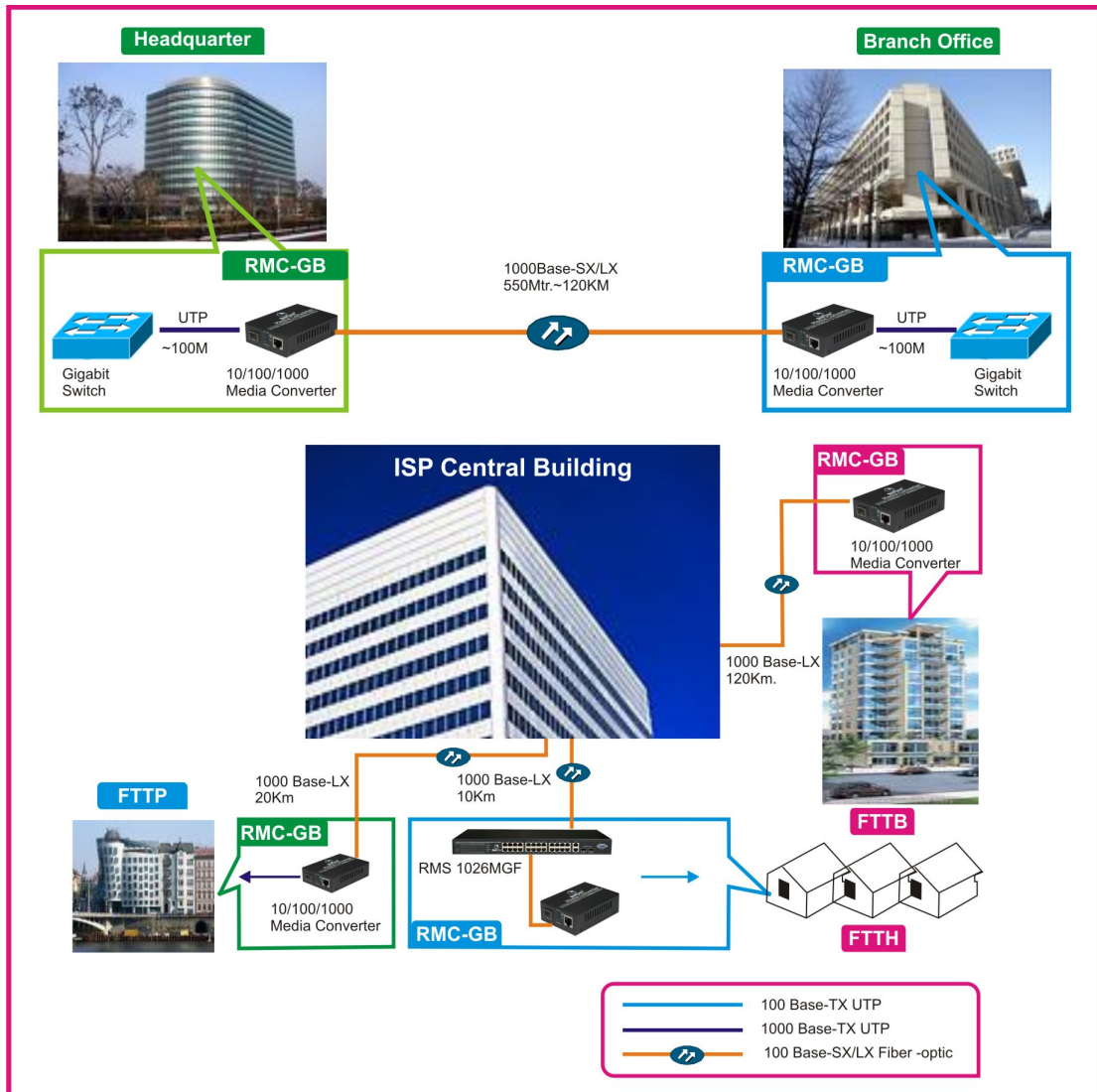
RealTime's Gigabit Media Converters supports media conversion between 1000Base-T and 1000Base-SX/LX through the SFP (Small Form factor pluggable) mini-GBIC module. This empowers the users the flexibility in Fiber optic networking from 550 meters up to 120 Km with different SFP modules.



Key Features

- One-channel media conversion between 10/100/1000 Base-T and 1000Base-SX/LX.
- Provide one SFP (mini-GBIC) port supporting either multi-mode or single mode fiber.
- Auto MDI/MDI-X for TX port.
- Front panel Status LED.
- DIP switch to enable/disable auto- Negotiation bypass function.

Applications





Gigabit Media Converter

Specifications

Product Name	Gigabit Media Converter
TP Port	
No of TP ports	1
Connector	RJ-45
Link Length	100m
Cable Type	Cat-5 UTP
Standards	IEEE802.3 10Mbps, IEEE802.3u 100 Mbps, IEEE 802.3ab 1000 Mbps & IEEE802.3x flow control
Auto MDIX	Yes.
VLAN	Complies to IEEE 802.1Q PORT based VLAN & 802.1P
Fiber Port	
No of Fiber ports	1
Connector	1x SFP
Cable	<ul style="list-style-type: none"> ▪ 1000Base-T: 4-pair Cat. 5, 5e, 6 UTP cable, up to 100 meters ▪ 1000Base-SX: 50/ 125µm or 62.5/ 125µm multi-mode fiber cable, up to 220/ 550m. ▪ 1000Base-LX: 9/ 125µm single-mode cable, provides long distance for 10/ 20/ 40/ 50/ 70/ 120km
Standards	IEEE 802.3z 1000Base-SX/LX
Fiber Connector	LC
LED	PWR, FDX, UTPLINK, Fiber ACT, Fiber Link
Power	5V 1Amp
Power Consumption	5.5 Watts (Maximum)

Ordering Information

Model No	Description
RMC-GB-SFP	Gigabit Media Converter
RSFP-MM/SM -XX	Mini-GBIC Module,
<i>Where XX is reach in Km, MM: Multimode & SM: Single Mode</i>	

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