Media Converter

User Manual

MC-1GSFP
MC-10GSFP+

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1 Overview

MC-1GSFP   MC-10GSFP+

Media Converter (MC-1GSFP, MC-10GSFP+)

The AirLive MC-1G SFP Gigabit media converter allows users to extend communication distance with Gigabit performance via fiber optic, Single or Multi mode SFP transceivers auto-negotiation. It provides media conversion between 100/1000Base-T and Gigabit Fiber via various SFP transceivers for example like the AirLive SPF-LX-1.25G-20KM module. Connect different offices together over a longer distance using fiber.

The MC-10GSFP+ Multi Giga Media Converter provides 10Gbps Ethernet media conversion between SFP+ to UTP. It brings you the best and simple solution for the Ethernet conversion between copper wire and fiber, with the speed of 10G. It allows users to extend communication distance. Connect different offices together over a longer distance using a high-speed fiber connection.

Compact size converter
The Compact Size MC-1GSFP/MC-10GSFP+ have a standalone design with plug-and-play for easy installation and space saving.

1.1 Connecting MC-1GSFP and MC-10GSFP+

When using the Media Converter please make sure your SFP Modules are compatible with the Media Converter.

Installation Step
- Connect 5V/2A power adapter into the MC-1GSFP
- Connect 5V/2A power adapter into the MC-10GSFP+.
- Insert a compatible SFP Transceiver Module into the SFP Slot.
- Insert an Ethernet cable with an RJ-45 connector to the 10/100/1000Base-T Ethernet port for the MC-1GSFP
- Insert an Ethernet cable with an RJ-45 connector to the 10GBase-T Ethernet port for the MC-10GSFP+.

MC-1GSFP

TX LED: RJ-45 Port Info
Link/Act: Data Transfer
FX LED: SFP Port Info

SFP Slot   10/100/1000Base-T RJ-45

MC-10GSFP+

1. Power LED
2. Link/Act: Data Transfer FX
3. LED ON: Fiber signal detected
4. LED ON: Transfer rate 10Gbps
5. LED ON: RJ-45 Connection ok
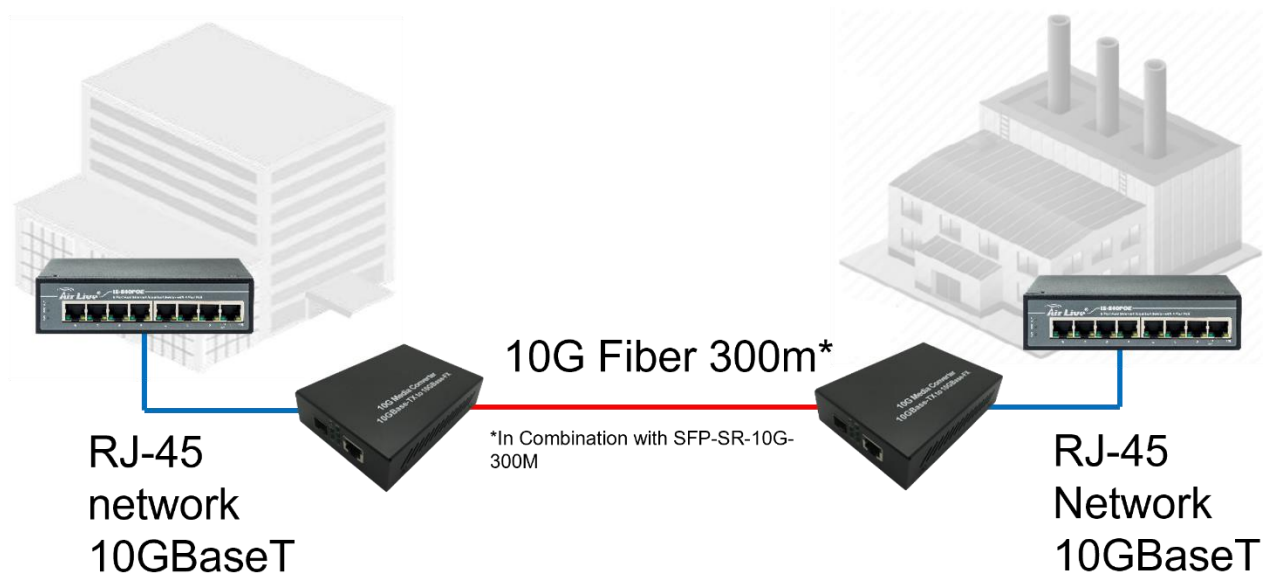6. Link/Act: Data Transfer TX

SFP+ Slot   10GBase-T RJ-45

Example Setup MC-1GSFP.

1G Fiber 20KM*

*In Combination with SFP-LX-1.25G-20KM

RJ-45 network

RJ-45 network

Example Setup MC-10GSFP+.

10G Fiber 300m*

*In Combination with SFP-SR-10G-300M

RJ-45 network 10GBaseT

RJ-45 Network 10GBaseT

For more detailed specifications please see the datasheet.
The datasheets can been found online on www.airlive.com

** Specifications are subject to change and improvement without notice.