

# 10G Multi Giga Network Fiber Media Converter

## SFP+, auto-fall back, dual-mode FX auto-negotiable

MC-10GSFP+

airlive®



10G SFP+ Converter

10GBase T SFP+ Slot

300M / 80KM Fiber Distance

Auto fallback

850nm  
1310nm

Multi / Single Mode  
Dual Fiber  
Auto-negotiable

## Overview

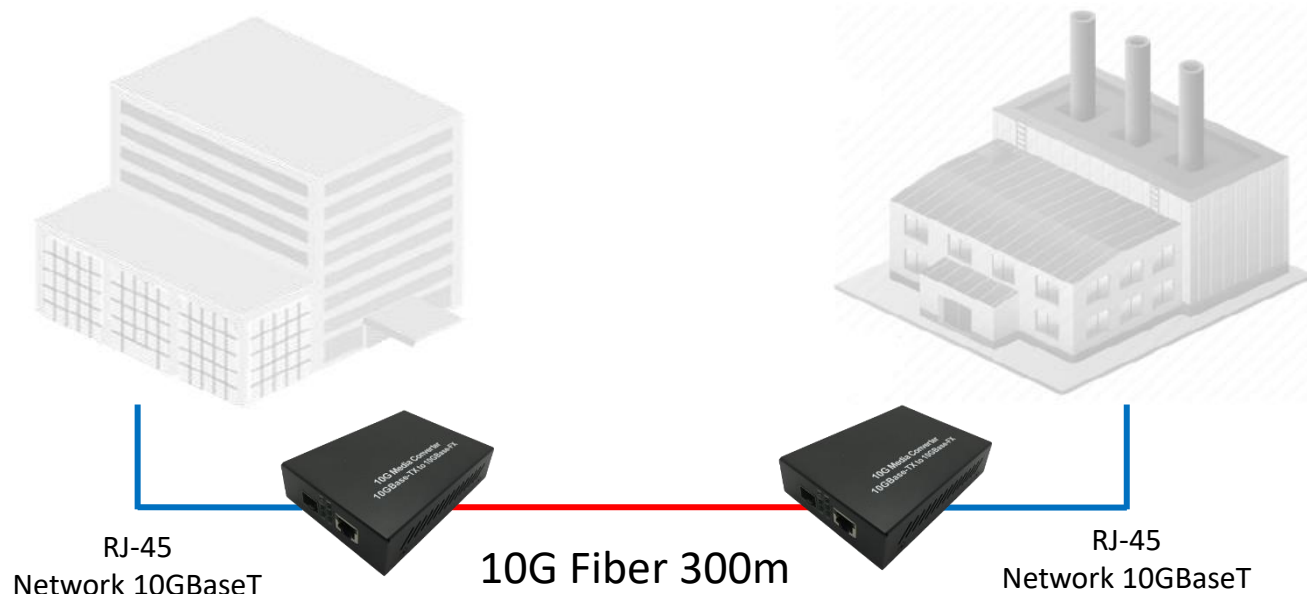
The AirLive MC-10GSFP+ Multi Giga Network Fiber Media Converter provides 10Gbps Ethernet media conversion between SFP+ to UTP. It brings you the best and simple solution for the Ethernet conversion between copper wire and fiber, with the speed of 10G, auto-fallback. It allows users to extend communication distance. Connect different offices or factories together over a longer distance by using a high-speed fiber connection. The Compact Size MC-10GSFP+ has a standalone design with a plug-and-play FX hot-swappable slot for easy installation and saving space.

## Features

- 10GBaseT RJ-45 port
- 1 x 10G/5G/2.5G/1G/100BASE-T RJ45 Auto-fallback
- Auto-MDI/MDI-X, auto-negotiation
- 10G FX SFP+ fiber slot port, auto-fallback
- Support Single or Multi-mode Full-Duplex Fiber, auto-negotiable
- Support ITUT prescribed DWDM/CWDM wavelength
- Support DMI function for SFP+ module
- Low Power consumption < 9.0W
- FX port Hot-swappable
- Support Loop-back test function

## Application Environment

- Bank
- AirPort
- Hotel
- Expressway
- Petrochemical Industry
- Metro
- Factory



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

Model	AirLive MC-10GSFP+
<p><b>Hardware</b></p> <ul style="list-style-type: none"><li>• <b>Power Supply Voltage:</b> 5V 2A DC adapter</li><li>• <b>Interface</b> 1 x 10G/5G/2.5G/1G/100BASE-T RJ45 Auto-MDI/MDI-X, auto-negotiation 1 x 10GBASE-X R SFP+</li><li>• <b>Fabric</b> 20Gbps</li><li>• <b>Throughput</b> 2.48Mpps@64bytes</li><li>• <b>Network Cables</b> Connector: RJ-45 10G/5G/2.5G/1G/100M BASE-T: 10G--Cat 6A/Cat 7 5G--Cat 6/Cat 6A/Cat 7 1G/2.5G--Cat 5e/Cat 6/Cat 6A/ Cat 7 100M--Cat 5/Cat 5e/Cat 6/Cat 6A/ Cat 7 Cat 5/5e/6/6A/7 UTP cable (100 meters, max.) EIA/TIA-568 100-ohm STP (100 meters, max.) 10GBASE-LR/SR/BX: 50/125µm or 62.5/125µm multi-mode fiber optic cable, up to 300m 9/125µm single-mode fiber optic cable, up to 80km</li><li>• <b>Standards</b> IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3bz 2.5G/5GBASE-T IEEE 802.3an 10GBASE-T IEEE 802.3ae 10Gbps Ethernet IEEE 802.3x full-duplex flow control</li><li>• <b>LED</b> Power, 100M, 1000M, 10G, LINK/ACT, Fiber</li></ul>	<p><b>Environment</b></p> <ul style="list-style-type: none"><li>• <b>Operating Temperature:</b> 0°C to +50°C</li><li>• <b>Storage Temperature:</b> 0°C to +70°C</li><li>• <b>Humidity:</b> 5%~95%, non-condensing</li></ul> <p><b>Standard Device package</b></p> <p><b>Package size:</b> 11.8 x 8.6 x 2.7 cm(L*W*H)</p> <ul style="list-style-type: none"><li>• <b>Package Weight:</b> N.W: 0.8 kgs; G.W:TBD KGS</li><li>• <b>Package content:</b> 1 x MC-10GSFP+, 1 x Power Adapter(5V 1A)</li></ul> <p><b>Standard carton package</b></p> <ul style="list-style-type: none"><li>• <b>Quantity:</b> TBD pcs</li><li>• <b>Dimensions</b> TBD mm</li><li>• <b>Weight</b> TBD kgs</li></ul> <p><b>Ordering Information</b></p> <ul style="list-style-type: none"><li>• <b>Model:</b> MC-10GSFP+</li><li>• <b>Name:</b> 10G SFP+ Multi Giga Media Converter, Auto-fallback, Single or Multi Mode FX Auto-negotiable</li></ul>

\* Specification will be changed without prior notice

