

# 1G Gigabit Network Fiber Media Converter Single or Multi FX Mode auto-negotiable

MC-1GSFP

airlive®



SFP  
Converter

1310nm  
850nm

550 M / 80KM  
Fiber Distance

SFP

Single/Multi Mode  
Dual Fiber

1 x Gigabit  
UTP

## Overview

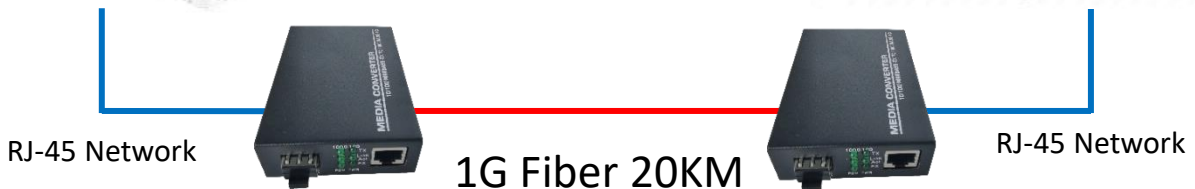
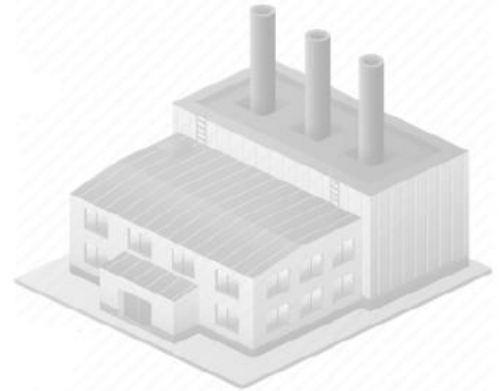
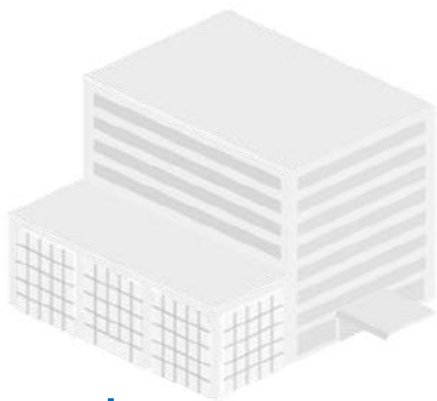
The AirLive MC-1GSFP is a single/multi mode auto-negotiable full-duplex Gigabit media converter for both TX port and FX port. It allows users to extend communication distance with Gigabit performance via fiber optic. The MC-1GSFP provides media conversion between 100/1000Base-T and Gigabit Fiber via various SFP transceivers for example like the AirLive SPF-LX-1.25G-20KM module. Connect different offices or factory together over a longer distance using fiber. The Compact MC-1GSFP has a standalone design with plug-and-play for easy installation and saving space.

## Features

- 1000BaseT RJ-45 port
- Single/Multi mode SFP fiber slot port
- Duplex LC connector Interface
- Distance up to 20KM (with SPF-LX-1.25G-20KM)
- Low Power consumption < 3.0W
- FX port Hot-swappable

## Application Environment

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



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

Model	AirLive MC-1GSFP
<p><b>Hardware</b></p> <ul style="list-style-type: none"><li>• <b>Power Supply Voltage:</b> 5V Adapter AC-DC</li><li>• <b>Interface</b> 1 x SFP 1000Mbps 1 x RJ-45 10/100/1000Mbps</li><li>• <b>Optical Interface</b> Connector: SFP Data rate: 1000Mbps Duplex Mode: Full duplex Fiber: Single or Multi mode auto-negotiable<ul style="list-style-type: none"><li>- MM 50/125um, 62.5/125um</li><li>- SM: 9/125um</li></ul>Distance:<ul style="list-style-type: none"><li>- Multi-Mode(MM): 550m/2Km</li><li>- Single-Mode(SM): 20/40/60/80/100/120Km</li></ul>Wavelength:<ul style="list-style-type: none"><li>- MM 850nm, 1310nm; SM 1310nm, 1550nm</li></ul>WDM<ul style="list-style-type: none"><li>- Tx1310/Rx1550nm(A side)</li><li>- Tx1550/Rx1310nm(B side)</li></ul>WDM<ul style="list-style-type: none"><li>- Tx1490/Rx1550nm(A side)</li><li>- Tx1550/Rx1490nm(B side)</li></ul></li><li>• <b>UTP Interface</b> Connector: RJ-45 Data rate: 10/100/1000Mbps Duplex Mode: Half/Full duplex Cable: Cat5, Cat6</li><li>• <b>LED</b> Power, 100M, 1000M, LINK/ACT</li><li>• <b>Power Consumption</b> Low Power consumption &lt;3.0W</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> -40°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> 9.4 x 7 x 2.6 cm(L*W*H)</p> <ul style="list-style-type: none"><li>• <b>Package Weight:</b> N.W: 0.39 kgs; G.W:TBD KGS</li><li>• <b>Package content:</b> 1 x MC-1GSFP, 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-1GSFP</li><li>• <b>Name:</b> 1G Gigabit Network Fiber Media Converter, Dual Mode FX auto-negotiable</li></ul>

\* Specification will be changed without prior notice

