

# MT3110-GF

### Desktop Gigabit Ethernet Media Converter



- Support 1 Gigabit fiber port and 1 Gigabit copper port
- Support traffic control to avoid network congestion
- Fiber port supports SC/FC/ST connectors, single mode/multi-mode, wavelength, and transmission distance options, with a maximum transmission distance up to 120km
- Copper port supports 10/100/1000M auto-sensing, full/half duplex, auto MDI/MDI-X, plug and play
- Support DC5V or AC220V power input
- Support working temperatures from -20  $^{\circ}$ C to +70  $^{\circ}$ C









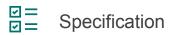


#### **Product Description**

The MT3110-GF series 2-port full gigabit Ethernet media converter is designed and developed for industrial communication network applications. It can achieve the conversion between Ethernet copper signal and fiber signal and achieve real-time data transmission. It provides one gigabit optical fiber port and one gigabit copper port, supports DC and AC power input optional, with high-quality components and distinctive circuit design, high-strength metal casing. It supports a working temperature of -20 °C to+70 °C, able to adapt to harsh working environments, and stable communication performance.

In terms of structural installation, the MT3110-GF series support desktop or rack installation. Rack mounted installation is suitable for slide-in model and needs to be used in conjunction with the chassis. This product can be widely used in industrial automation, comprehensive energy, smart cities, intelligent transportation, smart factories and other industrial fields.





Interface					
Gigabit Fiber Port	1x1000Base-X port, SC/FC/ST connectors, single mode/multi-mode, wavelength, and transmission distance options				
Gigabit Copper Port	1x10/100/1000Base-T(X) auto-sensing RJ45 port, full/half duplex, auto MDI/MDI-X connections				
Status LED	Power LED,port LED,rate LED,duplex LED				
Power					
Power Input	DC model: DC5V, coaxial jack AC model: AC220V, AC socket				
Full Load Power	<2.5W				
Physical Chara	cteristics				
Dimensions	DC model: 95×70 ×26 mm AC model: 140×110×30 mm				
Installations	Desktop installation				
Working Enviro	nment				
Operating Temp	-20℃~+70℃				
Storage Temp	-40°C~+85°C				
Relative Humidity	5%~95% (non-condensing)				
Industry Standa	ard				
EMC	EN61000-4-2 Anti static (ESD): $\pm$ 8kV contact discharge, $\pm$ 15kV air discharge EN61000-4-3 Electromagnetic field: 10V/m (80-1000MHz) EN61000-4-6 Anti conduction: 3V (10kHz~150 kHz), 10V (150kHz~80 MHz) EN55022: Class A				
Certification	CE, FCC, RoHS				





## Ordering Information

Model	1G Fiber Port	1G Copper Port	Installation	Input Voltage
MT3110-GF(M/S)	1	1	Desktop	DC5V
MT3110-GF(M/S)-AD220	1	1	Desktop	AC220V
MT3110-GF(M/S)-K	1	1	Slide-in	Using with MTR-16-2U chassis



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