MT8110-F

Desktop Type Ethernet Media Converter

- Support 1x100M fiber port and 1x100M copper port, providing user with flexible networking methods

- 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 10/100M auto-sensing, full/half duplex, auto MDI/MDI-X, plug and play, convenient and fast

- Support DC5V or AC220V power input optional

- Support working temperatures from -20 ℃ to +70 ℃

CE   FC   RoHS

Product Introduction

The MT8110-F series 2-port 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 100M fiber port and one 100M copper port, supports DC and AC power input optional. It features   high-quality components and distinctive circuit design, high-strength metal casing, and supports working temperature of -20 ℃ to+70 ℃, which is able to adapt to harsh working environments and stable communication performance. In terms of structural installation, the MT8110-F 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.

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Specification

Interface

100M Fiber Port	1x100Base-FX fiber port with SC/FC/ST connectors, single mode/multi-mode, wavelength, and transmission distance options
100M Copper Port	1x10/100Base-T(X) auto-sensing RJ45 ports, full/half duplex, auto MDI/MDI-X
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 Characteristics

Dimensions	DC model: 95×70 ×26mm AC model: 140×110×30mm
Installations	Desktop installation

Working Environment

Operating Temp	-20℃~+70℃
Storage Temp	-40℃~+85℃
Relative Humidity	5%~95% (non-condensing)

Industry Standard

EMC	EN61000-4-2 Anti static (ESD):± 8kV contact discharge, ±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

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🛒 Ordering Information

Standard Model	1G Fiber Port	1G Copper Port	Installation	Input Voltage
MT8110-F(M/S)	1	1	Desktop	DC5V
MT8110-F(M/S)-AD220	1	1	Desktop	AC220V
MT8110-F(M/S)-K	1	1	Slide-in	Using with MTR-16-2U chassis