

CT3110-GF

Desktop Gigabit Ethernet Media Converter



- Support 1 Gigabit fiber port, 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 °C to +70 °C

Product Description

CT3110-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, CT3110-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.

Technical Specifications

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 Characteristics	
Dimensions	DC model: 95×70 ×26 mm AC model: 140×110×30 mm
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

Ordering Information

Standard Model	1G Fiber Port	1G Copper Port	Installation	Input Voltage
CT3110-GF(M/S)	1	1	Desktop	DC5V
CT3110-GF(M/S)-AD220	1	1	Desktop	AC220V
CT3110-GF(M/S)-K	1	1	Slide-in	Using with CTR-16-2U chassis



Contact Us

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