

MT8110-F

10/100Base Ethernet Fiber Optic Transceiver

Product description

MT8110 series Ethernet optical transceiver is a communication product for industrial high-speed communication network applications, designed and developed by Wuhan Maiwe for flexible industrial applications, making industrial communications smoother, more reliable, and faster, satisfying customers' innovations for value-added applications demand. The MT8110 is a high-performance industrial Ethernet switch with a 100Base-FX port and a 10/100M adaptive RJ45 port.



Features:

- 1x100BaseF(x) port+1x10/100BaseT(x)
- Ready to use, convenient and fast;
- Support indicator status display
- Meet the Ethernet access requirements of general application environments

Product specification

Technical specifications

Ethernet Standard	IEEE802.3-10BaseT
	IEEE802.3u-100BaseTX/100Base-FX
	IEEE802.3x-Flow Control

Interface

10/100Base ports	Port numbers: 2
	Connector: 1*9 fixed Fx port(Single/multi-mode or SC/FC/ST port available) or RJ45
	Baud rate: 100Base-FX(fiber port), 10/100M for adaptive port
Terminal block for power input	BNC

Communication distance

Twisted-pair	100m(CAT5/CAT5e cable)
Multimode fiber	10/100Base multi-mode: 1310nm 2km
Single mode fiber	10/100Base single mode: 1310nm 20/40km; 1550nm 60/80km

LED indicator lights

Front panel LED	Port light: LINK/ACT, SPEED
	Power LED: PWR

Power requirements

Power input	DC5V/ AC220V
Full-load Consumption	<2.5w@full load

Working Environment

Operating Temperature	0°C~50°C
Ambient Humidity	5%~95%(non-condensing)

Physical Characteristics

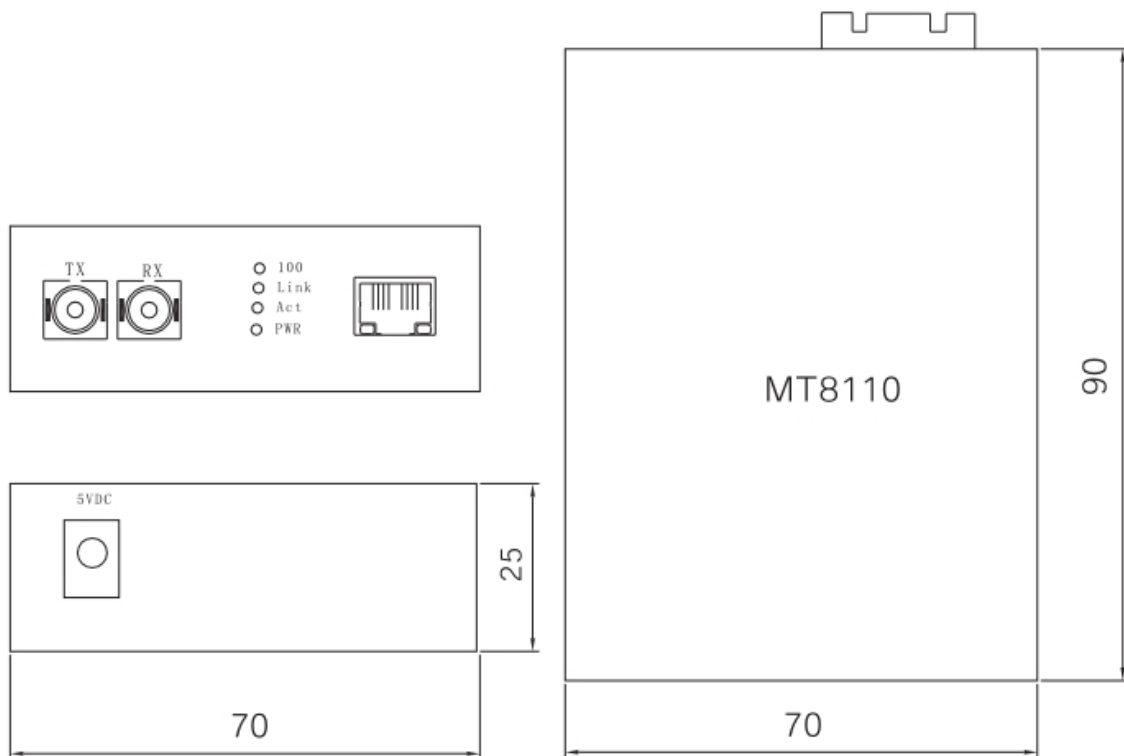
Shell	Aluminum alloy shell
Installation	Desktop installation, support for wall mount and plug-in options
Dimension	95.0mm*26.0mm*70.0mm

Industry standard

EMC	EN61000-4-2(ESD), Level 4
	EN61000-4-3(RS), Level 4
	EN61000-4-4(EFT), Level 4
	EN61000-4-5(Surge), Level 4

	EN61000-4-6(CS), Level 4 EN61000-4-8, Level 5
Impact	IEC60068-2-27
Falling	IEC60068-2-32
Shock	IEC60068-2-6
Warranty	
Warranty period	5 Years
Certification	
Certification	CE/FCC/RoHS

Dimensional drawing



Desktop/ Din-rail Installation(unit:mm)

Ordering Information

MT8110-F(M/S)	1 100M Fx +1 10/100M Tx, single DC5V power supply, desktop installation
MT8110-F(M/S)-AD220	1 100M Fx +1 10/100M Tx, single AD220 isolate power supply, desktop installation
MT8110-F(M/S)-G	1 100M Fx port + 1 10/100M Tx port, single DC9 ~ 36V power supply and does not support AC220V, din-rail installation

