PRODUCT DATA SHEET

Fiber Media Converter, 10/100/1000Base-T Ethernet Port to Single fiber 1000Base-FX Fiber Port

NT-FMC101GW fiber Ethernet media converter creates a cost-effective Ethernet to fiber link, transparently converting to/from 10Base-T or 100Base-TX or 1000Base-TX Ethernet signals and 1000Base-FX fiber optical signals to extend an Ethernet network connection over a single mode fiber backbone. NT-FMC101GW fiber Ethernet media converter supports a maximum single mode fiber optic cable distance of 120km, providing a simple solution for connecting 10/100/1000 Base-TX Ethernet networks to remote locations using single SC-terminated fiber, while delivering solid network performance and scalability.

Easy to set-up and install, this compact, value-conscious fast Ethernet media converter features auto-switching MDI and MDI-X support on the RJ45 UTP connections as well as manual controls for UTP mode, speed, full and half duplex.

Features

- Support 1 1000Base-FX fiber port and 1 10/100/1000Base-TX Ethernet port.
- Support IEEE802.3, IEEE802.3u fast Ethernet.
- Full and half duplex communication.
- Plug and play.
- Easy to read LED indicators.
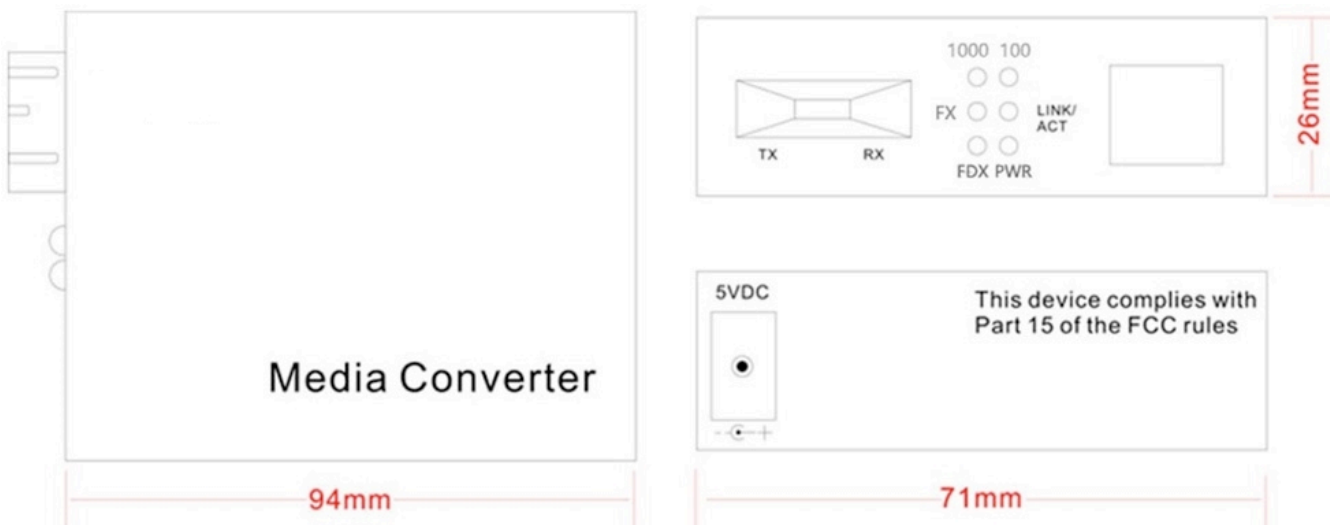- Includes external 5VDC power supply.

Specification

Protocol	IEEE802.3, IEEE802.3u
Wavelength	Single mode: TX/RX 1310nm, TX/RX 1550nm
Transmission Distance	Cat5e/6/6A: 100 meters Single mode: 20/40/60/80/100/120km
Ethernet Port	10/100/1000Base-TX RJ45 port
Fiber Port	1000Base-FX single SC port
Exchange Attribute	Packet Buffer Size: 1M MAC Table Size: 1K Store and Forward: 9.6us Error Rate: <1/1000000000
Power Supply	Power Input: 5VDC Full Load: <2.5 watts
Operating Environment	Operating Temperature: -10-70℃ Storage Temperature: -10-70℃ Storage Humidity: 5% to 90% non-condensing
Weight	400g
Dimension	94mm*71mm*26mm(L*W*H)
Certification	CE, FCC, RoHS
Warranty	3 years

Led Indicator

Led Light	Function	State	Working
PWR	Power status	On	Power on
		Off	Power off
LINK/ACT	10/100/1000Base-TX Ethernet port operation	On	Ethernet connected
		Blinking	Date transfer
		Off	No connection
1000	Ethernet (RJ45) port mode	On	1000Mbps date transfer
		Off	100Mbps or no connection
100	Ethernet (RJ45) port mode	On	100Mbps date transfer
		Off	1000Mbps or no connection
FX	1000Base-FX fiber port operation	On	Fiber connected
		Blinking	Date transfer
		Off	No connection
FDX	1000Base-FX fiber port link status indicator light	On	Full duplex
		Off	Half duplex
		Off	Half duplex

Dimension

Oder information

Model No.	Description of Goods
10/100/1000M, Dual Fiber	
NT-FMC101GW-20 (A or B)	10/100/1000M, SC, SM, TX 1310 (A), TX 1550(B), 1310nm, 20Km
NT-FMC101GW-40 (A or B)	10/100/1000M, SC, SM, TX 1310 (A), TX 1550(B), 1310nm, 40Km
NT-FMC101GW-60 (A or B)	10/100/1000M, SC, SM, TX 1310 (A), TX 1550(B), 1310nm, 60Km