



Industrial Gigabit Ethernet Media Converter

1 fiber port and 1 RJ45 port

NT-IN311-0.5

❖ Specifications

Parameter	Specifications
Design Level	Industrial grade IP40 design standards
Access mode	10/100/1000Mbps
Standard	IEEE802.3 10Base-T, IEEE802.3u 100Base-TX/FX, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX, IEEE802.3x Flow Control, IEEE802.3at PSE
Wavelength	850nm/1310nm/1550nm
Transmission distance	Dual-fiber multi-mode:500km Single fiber single mode:20/40/60/80km Dual-fiber single mode:20/40/60/80/100km Category-5 twisted pairs:100m
Port	One RJ45 port: Connecting STP/UTP category-5/6 twisted pairs, EIA568A/B One optical port: Multi-mode :SC/FC/LC(50/125, 62.5/125μm) Single mode : SC/FC/LC (8.3/125, 8.7/125, 9/125 or 10/125μm)
Conversion mechanism	Store and Forward
MAC address table	1K
Buffer space	Built in 512Kb RAM for data buffer
Flow control	Full duplex: flow control; Half duplex: back pressure
BER	<10 ⁻⁹
MTBF	50,000 hours
LED indicator	Power Supply : PWR 1 , PWR 2 UTP Port: POE, L/A ,1000 Fiber Port: SD
Power supply	Power Input Range: 12 ~ 48VDC/24VAC , 6-PIN Terminals, Redundant dual power
Power consumption	<4W (without PSE function)
Operating temperature	-40~80°C
Operating humidity	5%~90% non-condensing
Storage Temperature	-40~85°C
Storage humidity	5%~90% non-condensing
Dimensions	140mm (W)×110mm (D)×40 mm (H)
Weight	