

Media Conversion Solutions

Netlink i1100&i1110

Netlink

Internal power supply fiber media converter

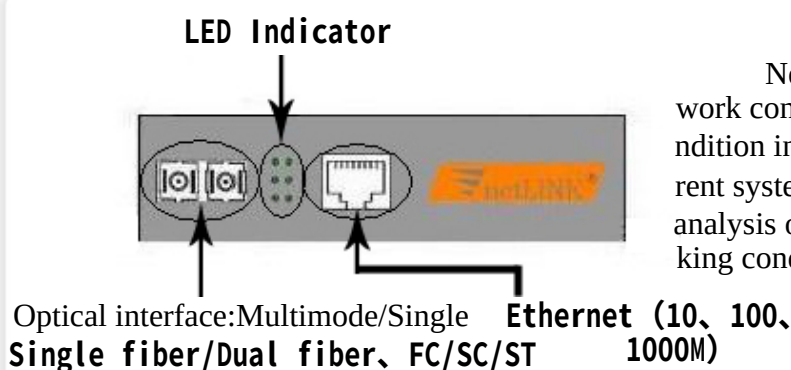
Netlink i1100 & i1110 provides a cost effective plug-and-play solution for long-range 10Base-T or 100Base-TX or 1000Base-TX Ethernet extensions and added benefit of 10/100/1000 auto-negotiation, making it the perfect choice when planning future upgrades of 10Base-T or 100Base-T networks. Netlink i1100 & i1110 Ethernet Fiber converters are ultra-miniature in size and feature a shielded RJ45 Ethernet jack, SC/ST/FC style fiber-optic connections. Built-in auto-sensing capabilities enable full or half-duplex Ethernet operation with no configuration required!

Feature

1. Accord to IEEE802.3, IEEE802.3u 10Base-T, 100Base-TX, 100Base-FX
2. MDI/MDI-X auto negotiation, 10M/100M auto negotiation
3. Supports full-duplex/half-duplex, Point-to-point transparent transfer
4. Power Internal(12VDC, -48VDC, 220VAC) and External (5VDC), optional
5. Plug and Play, easy to installation

Netlink i1100 & i1110 can be achieved 10/100/1000Base-TX twisted pair and 100/1000Base-FX fiber optic data communication between, not only to extend the transmission distance, but also has isolation protection, data confidentiality, good, stable, easy to maintain and many other advantages, so as to effectively to avoid the harsh environment, lightning, surge and electromagnetic interference to the communications equipment, the threat can be reliably in harsh hazardous environment.

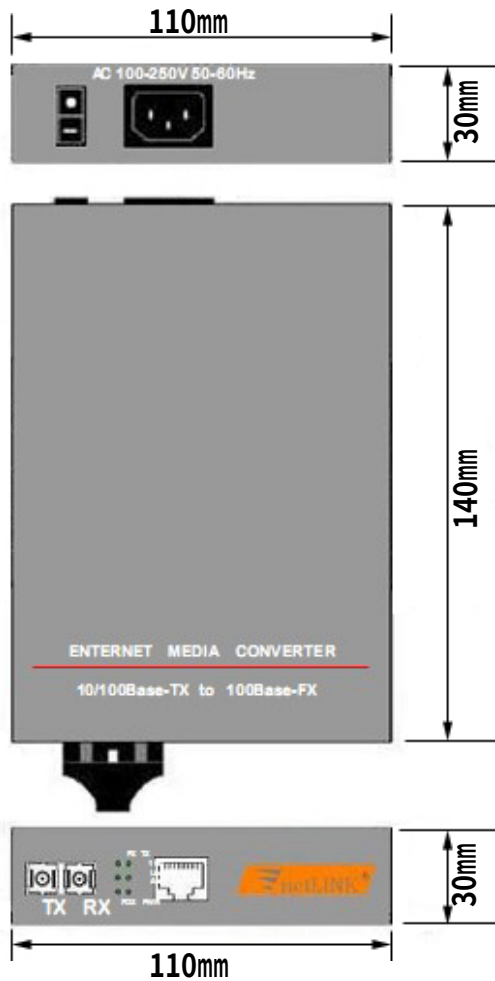
Indicator



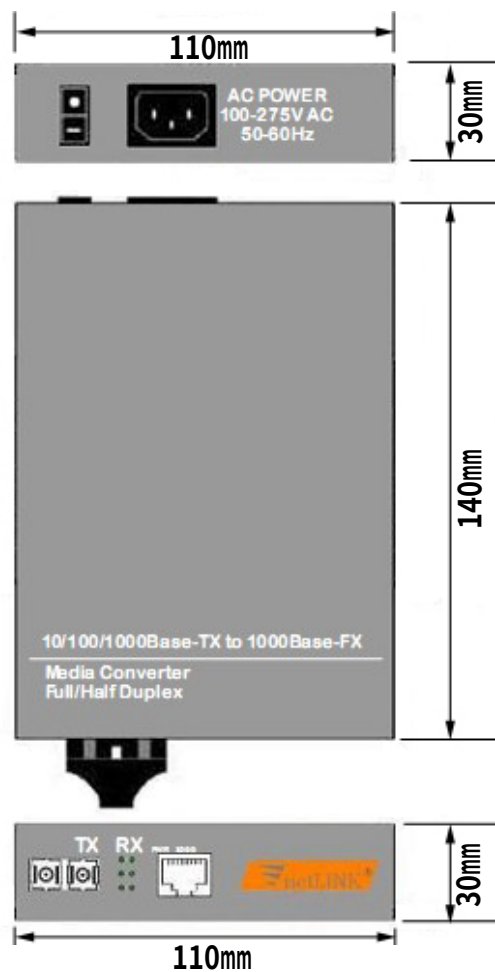
Netlink external LED lights, support power, network connections, optical I / electrical port working condition instructions, an intuitive visual status of the current system and network to help engineers to facilitate analysis of problems and monitor the site for your working condition.

Size and Appearance

Built-in power supply Fast optical transceiver MB



Built-in power supply Gigabit Fiber Transceiver



Specifications

Communication Indicators

Interface Standard	IEEE802.3AB/Z IEEE802.3 IEEE802.3u IEEE802.3x IEEE802.1Q 10Base-T、100Base-TX、1000Base-SX、100Base-FX、1000Base-LX Standard
UTP Signal	T+,T- ,R+,R- ,GND
SFP signal	TX,RX
Work Way	Asynchronous work, point to point, support full / half duplex self-adaptive
Electrical port rate	10/100 and 10/100/1000Mbps rate adaptation
Optic transmit speed	100&1000Mbps
UTP transmission distance	100m
Optical port transmission distance	2Km (MM) ,20/40/60/100Km (SM)
UTP cable	UTP 5
SFP Cables	MM 50/125,62.5/125 μm,SM8.3/125,8.7/125,9/125 or 10/125 μm
Optical port wavelength	1310nm(20Km、40Km、2Km),1550nm(100Km),1310nm(MM 2Km)
Electrical port connector	RJ45
SFP connector	SC/ST/FC



Environmental Indicators

Working temperature	0—55℃
Storage temperature	-20 to 70℃
Humidity	Relative Humidity 5% to 95%

Power indicator

Input Power	Built-in power supply,220V or -48V
Power	4W

Appearance Index

Length × width × height	140mm×110mm×30mm (Built-in power supply)
Shell	Steel
Color	Gray
Weight	250g

Ordering Information

Model

Product Description

≡10/100M self-adaptive fiber-optic transceivers (power built-in)

HTB-i1100-2	10/100M UTP/SC MM 2Km, Wavelength 850nm
HTB-i1100-2	10/100M UTP/SC MM 2Km, Wavelength 1310nm
HTB-i1100S-25	10/100M UTP/SC SM 25Km, Wavelength 1310nm
HTB-i1100S-40	10/100M UTP/SC SM 40Km, Wavelength 1310nm
HTB-i1100S-60	10/100M UTP/SC SM 60Km, Wavelength 1310nm
HTB-i1100S-100	10/100M UTP/SC SM 100Km, Wavelength 1550nm

≡10/100M self-adaptive single fiber bi-directional fiber optic transceiver (power built-in)

HTB-i1100FSC-25	Bidirectional single-mode fiber optic transceivers 25Km, Wavelength 1310nm/1550nm
HTB-i1100FSC-40	Bidirectional single-mode fiber optic transceivers 40Km, Wavelength 1310nm/1550nm
HTB-i1100FSC-60	Bidirectional single-mode fiber optic transceivers 60Km, Wavelength 1310nm/1550nm
HTB-i1100FSC-100	Bidirectional single-mode fiber optic transceivers 100Km, Wavelength 1310nm/1550nm

≡10/100/1000M Adaptable Fiber Optic Transceiver (power built-in)

HTB-i1110	10/100/1000M UTP/SC MM 550m, Wavelength 850nm
HTB-i1110S-10	10/100/1000M UTP/SC SM 10Km, Wavelength 1310nm
HTB-i1110S-20	10/100/1000M UTP/SC SM 20Km, Wavelength 1310nm
HTB-i1110S-40	10/100/1000M UTP/SC SM 40Km, Wavelength 1310nm
HTB-i1110S-60	10/100/1000M UTP/SC SM 60Km, Wavelength 1550nm