

Product Description

NX-1000N-MD-2 and **NX-1000N-SD-20** 10/100/1000M adaptive fiber media converter through 100Base-TX or 1000Base-TX to 100Base-FX photoelectric conversion between the traditional 100M Ethernet or 1000M Fast Ethernet through the Fast Ethernet fiber optic link extended to 120 km range, to meet the long-distance, high-speed, High-bandwidth fast Ethernet working group user needs, the product performance is stable and reliable, designed to meet the Ethernet standards, and anti-lightning protection measures, especially for Telecom provider, safe city, radio and television, railway, military, financial securities, customs, civil aviation, maritime transport, electricity, water conservancy and oil fields and other broadband data network and require high reliability data transmission or the formation of IP data transmission network area, it is the best application equipment for broadband campus network, intelligent broadband district fiber to the floor, Fiber to the home and video surveillance.

Product Picture



Product Features

- Support IEEE802.3u.1000BASE-T and 1000 BASE-FL protocol;
- Support full duplex or half duplex network communication, and with auto-negotiation capability;
- Supports the transmission of long packets of VLANs;
- Support for IEEE802.1Q protocol switch products to match the use;
- Support LINK LOSS link remote pre-alarm function;
- Modular design, plug and play, both stand-alone use, can also be used in 14-slot rack;
- Automatically adapt to 10Mbps, 100Mbps and 1000Mbps environment, easy to upgrade the network;
- RJ45 port support through or cross automatic recognition function (AUTO-MDIX);
- REMOTE PAUSE function ensures the integrity of packet transmission;
- With broadcast storm protection, balance flow, isolation conflicts and detection errors and other functions;
- Meet the electromagnetic interference standard FCC Part15 Class A and CE Mark safety regulations;

Specification

Standard Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3d, IEEE 802.3x, IEEE 802.3Q			
Band Width	RJ 45 Port	10/100/1000M	Optical Port	1.25G
Operation Mode	Full /Half duplex mode,with auto-negotiation capability			
Connectors	UTP	RJ45	Fiber connector	SC
LED Indicators	1000M,100M, FX/ACT, TP/ACT , PWR,FDX.			
UTP Cable	Cat5/Cat6 UTP/FTP (within 120m)			
Fiber Cable	9/125μm(the max distance up to 20 -120km)			
	50/125,62.5/125μm(the max distance up to 2km)			
Power Supply	External power supply	5V, 1A/2A		
	Internal power supply	DC-48V, AC110-250V/50Hz		
	Power Consumption	≤5W		
Working Environment	Work Temperature	0°C~50°C		
	Storage Temperature	-40°C~70°C		
	Humidity	5%~90% non-condensing		
MTBF (Hours)	>30000			
Size and Weight	structure	Dimensions(mm)	Weight	
	External power supply	94mm*70mm*25mm	0.3 kg	
Certification	FCC Part 15 , Class A, RoHS and CE Mark			

Specification

Name	Definition	Specification
PWR	Indicator of power supply	ON when the power supply is turned on and in normal working status
FX/ACT	Optical interface status indicator	Bright : optic fiber cable is connected well, but no data transmission
		Blinking: when receiving data
TP/ACT	Ethernet interface status indicator	Bright : twisted pair is connected well, but no data transmission
		Blinking: when receiving data
100M	Rate indicator	Bright: The data is being transmitted: 100M
		Off: no data is being transmitted
1000M	Rate indicator	Bright: The data is being transmitted: 1000M
		Off: no data is being transmitted
FDX	Ethernet interface Full / half duplex Signal indicator	Bright: The network interface operates as full duplex
		OFF, The network interface operates as half duplex

Application

