

4N-101SFP-40A

SFP port 10/100/1000M Media Converter



OVERVIEW

4N-101SFP-40A series is a 10/100/1000M fiber media converter independently developed by 4NSYS. It has 1* 10/100/1000Base-T port and 1* 1000Base-X uplink SFP fiber port, User can select different optical modules, such as multimode dual fiber, single-mode dual fiber, and single-mode single fiber. The media converter adopts the enterprise-class Taiwan Realtek company's carrier-grade chip solution, which has stable performance, good quality and high cost performance. It is suitable for optical fiber access application scenarios such as security monitoring, wireless coverage, intelligent transportation, and safe cities to form a cost-effective and stable communication network.

Unmanaged model, plug and play, no configuration, easy to use.

FEATURE

■ What This Product Does

◇ The 4N-101SFP-40A is a media converter designed to convert between 1000BASE-X fiber and 10/100/1000Base-T copper media. It easily extends the distance of an existing gigabit network via fiber optic when integrated with the SFP Module. 4N-101SFP-40A applies the IEEE802.3ab 1000Base-T & IEEE802.3z 1000Base-FX/X standards as part of its intended use with multi-mode/single-mode SFP Module. Long-range point-to-point connections are easily built with the gigabit fiber converters, making them ideal for network connections across multiple buildings, for remote surveillance and automated factory equipment.

■ Other Features

◇ 4N-101SFP-40A offers flexible installation on standalone desktops or inserted into a chassis (4N-2U14). The easy-to-view front panel status LEDs provide real-time status information to monitor up-to-the-minute network activity. While the maximum transmission distance of fiber optics depends on the insertion of the SFP module.

Model	4N-101SFP-40A	
Interface Characteristics		
Fixed Port	1* 10/100/1000Base-T RJ45 port 1* 1000Base-FX uplink SFP fiber port	
Ethernet Port	10/ 100/ 1000Base-T full duplex , Auto MDI/MDI-X , Auto-negotiation	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-T: Cat5e or later UTP(≤100 meter) 1000BASE-T : Cat5e or later UTP(≤100 meter)	
Optical Port	Gigabit SFP optical fiber interface, default not include optical modules (optional single-mode / multi-mode, single fiber / dual fiber optical module. LC)	
Wavelength/Distance	multimode: 850nm 0~550M,1310nm 0~2KM single mode: 1310nm 0~40KM , 1550nm 0~120KM	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3u 100Base-FX, IEEE802.3x IEEE802.3ab 1000Base-T ; IEEE802.3z 1000Base-X ;	
Redundancy	Link Fault Signaling , Loop back Testing	
Switching Capacity	4Gbps	
Packet Buffer	3Mpps	
MAC	2K	
LED Indicator	Fiber	FX(green)
	rate	SD/SPD1 (green) SPD2: 100/ 1000 (green)
	Data	TP (green)
	Single / duplex	FDX (green)
	Power	PWR (green)
Power		
Working Voltage	AC:100-240V	
Power Consumption	Standby<1W, Full load<5W	
Power Supply	DC:5V/2A industrial power supply	
Lightning protection &Certification		
Lightning protection	Lightning protection: 4KV 8/20us, Protection level: IP30 , Housing : Aluminum	
Certification	CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class A; RoHS	
Physical Parameter		
Operation TEMP	-20~+55°C;5%~90% RH Non condensing	
Storage TEMP	-20~+75°C;5%~95% RH Non condensing	
Dimension (L*W*H)	94mm* 71mm*27mm	
Installation	Desktop, CF-2U12 , CF-2U14 slot rack	