

10/100/1000M, Dual Fiber, External Power Fiber Media Converter

CNV-xxSC-RJ45

■ Product Features

- ✓ 10/100/1000mbps autosensing, auto-MDI/MDIX
- ✓ 1600byte super data packet transmission
- ✓ Full duplex-flow control, Half duplex-back pressure
- ✓ Link fault pass through (LFPT)

■ Introduction

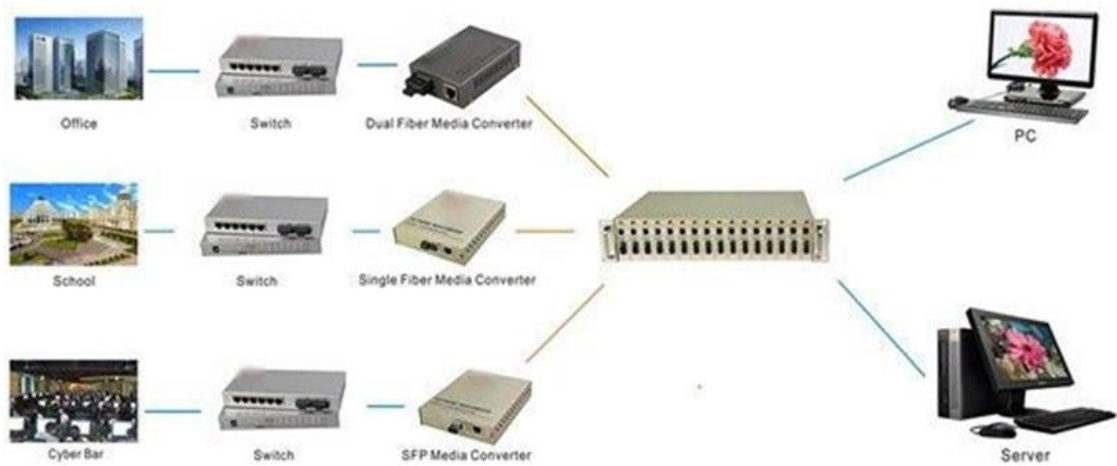
The 1000M media converter with external power supply, 10/100/1000Mbps auto-sensing and utilize fiber optics to extend the physical distance range of typical Ethernet links (100m) to 5Km max. on MMF and 120Km max. on SMF.

■ Specification

Standard	IEEE802.3 (10BASE-T), IEEE802.3u 100BASE-TX/FX (Fast-Ethernet), IEEE802.3z 1000BASE-SX/LX(Gigabit-Ethernet), IEEE802.3x (Flow Control), IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree
10/100/1000BASE-T	STP or UTP Category 5/5e/6 cable (Max. 100m)
1000BASE-FX	50/125um multi mode fiber cable (1km), 62.5/125um multimode fiber cable (0.5km) 9/125um single mode fiber cable (20/40/60/80/100/120km)
Conversion Mode / Delay Time	Store-and-Forward < 10us, straight-through<0.9us
Flow control	Full duplex-flow control, Half duplex-back pressure
RJ-45 Port	Auto-MDI/MDIX
Fiber Connector	SC standard, ST/FC optional
Wavelength	1310/1550nm
Dimensions	70mm(W) x 93mm(D) x 25mm(H)
Weight	Net weight : 0.16kg; Gross weight : 0.42kg
Input Voltage	DC 5V1A with External power adapter
Power Consumption	<2.5W
MTBF	50,000 hours
BER	<1/1000000000
MAC Address Table	1K
Buffer Size	1M
Operating Temperature	0°C~50°C
Storage Temperature	-40°C~70°C
Storage Humidity	5%~90% non-condensing

■ Application

- Telecommunication Networks
- Schools, offices, Cyber bars



■ Ordering Information

Part Number	Details
CNV-SXSC-RJ45	10/100/1000M, Standalone, dual fiber, multimode, SC, 0.5km, external power supply
CNV-LXSC-RJ45	10/100/1000M, Standalone, dual fiber, single mode, SC, 20km, external power supply
CNV-EXSC-RJ45	10/100/1000M, Standalone, dual fiber, single mode, SC, 40km, external power supply