1000M Fiber Media Converter

(Model: LVN-MED-SC-1000BASE-X)

➢ Works at 10/100/1000Mbps in Full-Duplex mode for both TX port and FX port

➢ Supports Auto MDI/MDIX for TX port

➢ Provides switch con- gyration of Force /Auto transfer mode for FX port

➢ Extends - fiber distance up to 20km for single-mode - fiber

➢ Easy-to-view LED indicators provide status to monitor network activity easily;

➢ The Distance support to 20KM

➢ 1x RJ45 port and 1x fiber SC port

RoHS FC CE

Introduction

The Transceiver converts 1000BASE-SX/LX/LH/EX/ZX - fiber to 10/100/1000Base-T copper media or vice versa. It is designed for use with transmitting data up to 20 kilometers. What's more, the SFP to Ethernet Converter can work as a standalone device (no chassis required) or with Lanview's 19″ system chassis.
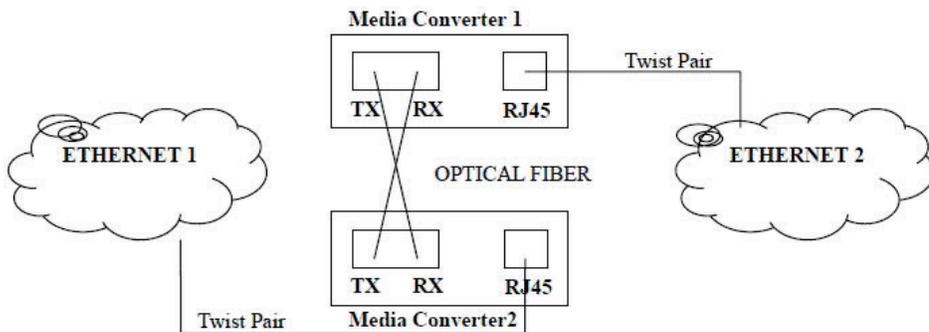
TECHNICAL SPECIFICATION

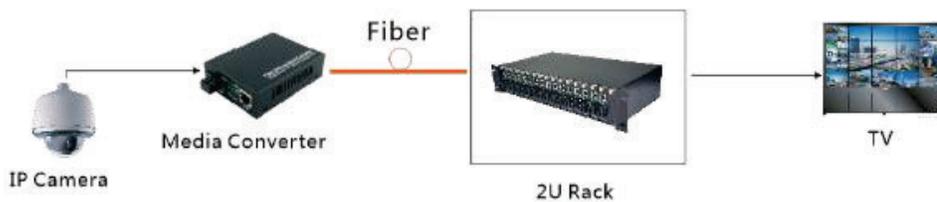| Model		LVN-MED-SC-1000BASE-X
Optical Interface	Connector	Dual Fiber SC port
	Data Rate	1000Mbps
	Duplex Mode	Full duplex
	Fiber	SM 9/125um
	Distance	10/100/1000Mbps: Single Mode 20KM
	Wavelength	SM 1310nm
UTP Interface	Connector	RJ45
	Data Rate	10/100/1000Mbps
	Duplex Mode	Half/full duplex
	Cable	Cat5/5e/6
LED	PWR	Power
	FDX	Full Duplex Indication
	LINK/ACT	Fiber/Rj45 Link/Act
	100	RJ45 Port Speed 100M
	1000	RJ45 Port Speed 1000M
Product Size	Dimension(W*D*H)	95*78*23mm
	Weight	0.8KGS
ESD Protection	6KV DC	

Installation	Desktop, wall mountable
	Media convert Chassis installation
Enclosure	Compact-sized metal case
Power Input	DC 5V 1A
External Power	AC 100V~240V
Power consumption	3.75 watts / 12.8 BTU per hour max.
Fabric	2Gbps
Throughput (packet per second)	1.488Mpps@64bytes
Address Table	9K entries, automatic source address learning and aging
Jumbo Frame	12K
Temperature	0~50℃ Operating; -40~70℃ Storage
Humidity	5~95%(no condensing)
MTBF	≥10.0000h
Network Cables	1G/100M BASE-T:
	1G--Cat 5e/Cat 6/Cat 6A/ Cat 7
	100M--Cat 5/Cat 5e/Cat 6/Cat 6A/ Cat 7
	Cat 5/5e/6/6A/7 UTP cable (100 meters, max.)
	EIA/TIA-568 100-ohm STP (100 meters, max.)
	1000BASE-SX/LX/BX:
	50/125μm or 62.5/125μm multi-mode fiber optic cable, up to 550m
	9/125μm single-mode fiber optic cable, up to 80km
Regulatory Compliance	CE,FCC,RoHS
Operating environment	0 ~ 50 ℃
Storage environment	0 ~ 70 ℃
Operating Humidity	5 ~ 95%, relative humidity (non-condensing)
Storage Humidity	5 ~ 95%, relative humidity (non-condensing)
Standards Compliance	IEEE 802.3u 100BASE-TX
	IEEE 802.3ab 1000BASE-T
	IEEE 802.3bz 2.5G/5GBASE-T
	IEEE 802.3an 10GBASE-T
	IEEE 802.3ae 10Gbps Ethernet
	IEEE 802.3x full-duplex flow control

Warranty	2-year warranty

APPLICATION

➢ Extend your Ethernet connection up to 0~120km away using fiber optics;
➢ Creates an economical Ethernet-fiber/copper-fiber link for connecting remote sub-networks to larger fiber optic networks/backbones;
➢ Converts Ethernet to fiber, fiber to copper/Ethernet, ensuring optimum network scalability for connecting two or more Ethernet network nodes;

2: CCTV Surveillance Security.

FEATURES

➢ Transparent Transport and very low delay
➢ Support ITUT prescribed DWDM/CWDM wavelength
➢ Support DMI function for SFP fiber module
➢ Support Loop-back test function
➢ Economic In-band Management function
➢ Powerful Network Management function
➢ Support hot plugging
➢ Support 2U Rack (16 channel) and standalone use
➢ Full State Led display
➢ Easy installation

➢ UTP cable length detection（only RJ45 interface）

PACKING LIST

CONTENT	QTY	UNIT
10/100/1000M Fiber media Converter	1	SET
User Guide	1	PC
Warranty Card	1	PC