Fiber Media Converter UCY-810SC

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

Key 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)
- Full- positioned LEDs to indicate power and network status

Introduction

The UCY-810SC series, 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.
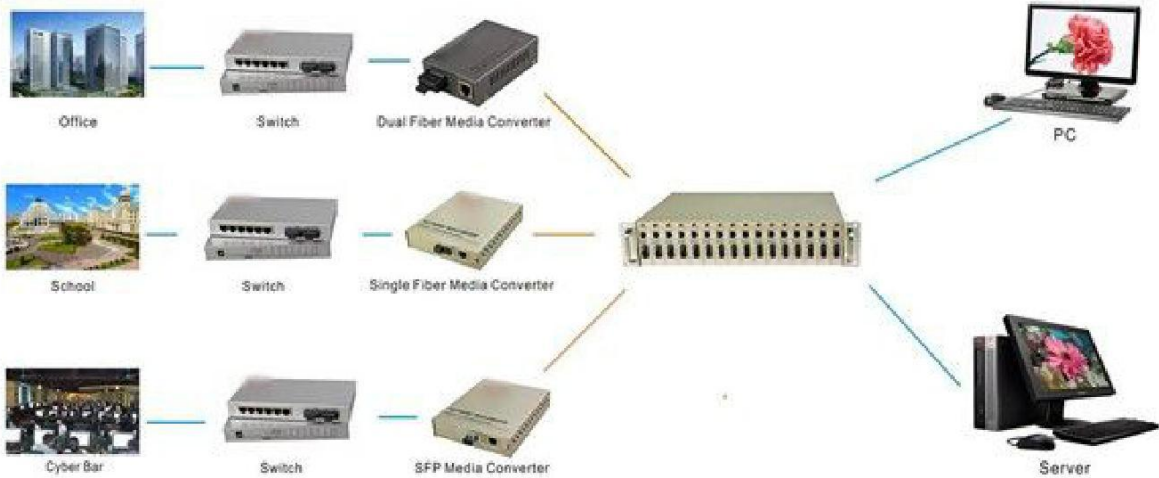
Specification

Standard	IEEE802.3 (10BASE-T), IEEE802.3u 100BASE-TX/FX (Fast-Ethernet), IEE802.3z 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 (550m), 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℃~50℃
Storage Temperature	-40℃~70℃
Storage Humidity	5%~90% non-condescending

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Application

- Telecommunication Networks
- Schools, offices, Cyber bars

Ordering Details

	10/100/1000M, Standalone, dual fiber, multimode, SC, 0.5km, external power supply
	10/100/1000M, Standalone, dual fiber, single mode, SC, 25km, external power supply
	10/100/1000M, Standalone, dual fiber, single mode, SC, 40km, external power supply
	10/100/1000M, Standalone, dual fiber, single mode, SC- 60km, external power supply
	10/100/1000M, Standalone, dual fiber, single mode, SC- 80km, external power supply
	10/100/1000M, Standalone, dual fiber, single mode, SC, 100km, external power supply
	10/100/1000M, Standalone, dual fiber, single mode, SC, 120km, external power supply

 *Above listed are most frequently ordered items. Please contact us for other configurations.

Item Number Code Explain：

XX- XXXX-XX XX

Distance:
2km, 20km, 40km, 80km, 100km

Fiber Type:
M-Multi mode, BS- Bidi SM Single fiber, S- SM Dual fiber

Transmission rate:
100-10/100M, 1000-1000M, 1100-10/100/1000M

Product Type:
EM-Media converter