

10/100M Single Port Dual Fiber Media Converter



- ❁ 10/100M single mode dual fiber media converter
- ❁ Card-type or Stand-alone type for your choice
- ❁ Broadcasting filtration function, automatic recognizing and modifying address with store-and-transmission operational mechanism
- ❁ Ethernet 10Base-T or 100Base-TX 100Base-FX fiber media transmission
- ❁ Compatible with IEEE802.3, IEEE802.3U, IEEE802.3X, IEEE 802.3z/AB, IEEE802.1d standard
- ❁ The electrical interface port supports 1000Mbps, 100Mbps, 10Mbps, both ends can use different speed (full-duplex work bandwidth for line-speed 2XMbps)
- ❁ Cache size for 512KB, address table size is 4KB
- ❁ 1x RJ45 port and 1x fiber SC port

Product Description

This 10/100M media converter can be used between 10Base-T and 10Base-FL or 100Base-TX cable and 100Base-FX fiber cable for data transmission. It provides stand-alone RJ-45 electrical interface port and supply power to others, and can automatically cross connection with switch and hub network. And feature with link loss diagnosis, electrical port link diagnosis and optical port link diagnosis, dynamic data transmission, full-duplex/half-duplex, speed indicator. Also it can realize the interconnection between motherboard servers, Repeaters, hubs, switches terminal.

Plug and play design makes easy installation, no on-site adjustment, all the light, electrical interface port is in line with international standards. It can extend the network transmission up to 20km. This gigabit fiber media converter is suitable for Bad industrial environment or high requirements for lightning protection, intelligent transportation supervisory system (ITS) and safe city, High-speed way supervisory/Tele-communication system, IP network camera, security surveillance system for large corporations, multi-function network system.

10/100M Single Port Dual Fiber Media Converter

Technical Specification

Product Name	10/100M Single Port Dual Fiber Media Converter
Product Model	KRN-SW-MC-0110-SSC
Interface	1x copper cable RJ45 port +1x fiber SC port, support power supply
Transmission Distance	20Km
Fiber Description	Single mode dual fiber, SC fiber port
Fiber Bandwidth	155Mbps
Wavelength	1310nm
Network Bandwidth	100MHz
Ethernet Specifications	Bandwidth: 1.6Gbps (non-blocking) Network Latency (100 to 100M bps): the maximum delay less than 20 microseconds Packet Buffer Memory: 96KB Address Database Size: 1,000 MTBF: 190,000 hours (about 21 years)
Protocol	IEEE 802.3i 10BASET IEEE 802.3u 100BASETX IEEE 802.3x Flow Control IEEE 802.1af DTE Power via MDI
LED Indicator	System, Power, Connecting, working status
Power Supply	3.5W
Dimension/ Weight	Dimension(LxWxH) : 116×99×25.5mm Weight : 0.65kg
Working Environment	Working Temperature:-20°~ 75°C Storage Temperature: -40°~ 85°C Working Humidity: 10%~90%, non-condensing Storage Humidity: 10%~95%, non-condensing Operational Altitude: 3000m (10,000ft) Storage Altitude: 3000m (10,000ft)
Radiation	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B
Safety	CE mark, commercial CE/LVD EN60950
Warranty	2 year warranty (2 years warranty for power adapter)

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Product Ordering Information

Product Model: KRN-SW-MC-0110-SSC

Product Description: Single port 10/100M single mode dual fiber Ethernet media converter, SC fiber port. External power supply (can be customized different power sockets for different countries)

Model	Specs(Dual Fiber SC Port)	Maximum Transmission
KRN-SW-MC-0110-SSC-002	10/100M multimode dual fiber, SC fiber port, external power supply, 1310nm	2Km
KRN-SW-MC-0110-SSC-020	10/100M single mode dual fiber, SC fiber port, external power supply, 1310nm	20Km
KRN-SW-MC-0110-SSC-040	10/100M single mode dual fiber, SC fiber port, external power supply, 1310nm	40Km
KRN-SW-MC-0110-SSC-060	10/100M single mode dual fiber, SC fiber port, external power supply, 1310nm	60Km
KRN-SW-MC-0110-SSC-110	10/100M single mode dual fiber, SC fiber port, external power supply, 1550nm,DFB	110Km

Product Packing Lists

Package List	Single Port Dual Fiber Media Converter (KRN-SW-MC-0110-SSC)
	Power Adapter
	User Guide
	Warranty Card