

Single Port Dual Fiber Gigabit Media Converter (ONV1110-SCX-O/ONV1110-MCX-O)

Single Port Dual Fiber Gigabit Media Converter



- ◆ 100/1000M 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 100/1000M media converter can be use between 10Base-T and 10Base-FL or 100Base-TX cable and 100Base-FX fiber cable or 1000Base-T cable and 1000Base-S/LX 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 be 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.

Technical Specification

Product Name	Single Port Dual Fiber Gigabit Media Converter
Product Model	ONV1110-SCX-O/ONV1110-MCX-O
Interface	1x copper cable RJ45 port +1x fiber SC port, support power supply
Transmission Distance	20Km/550m
Fiber Description	Single mode dual fiber, SC port
Fiber Bandwidth	1.25G
Wavelength	850nm/1310nm
Network Bandwidth	1000MHz
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 : 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	1 year warranty (3 years warranty for power adapter)

Product Ordering Information

Product Model: ONV1110-SCX-O/ONV1110-MCX-O

Product Description: Single port 10/100/1000M single mode dual fiber Ethernet media converter.
External power supply (can be customized different power sockets for different countries)

Order Note: Default power supply is end-span (1/2, 3/6 line pair), alternative power supply is mid-span (4/5, 7/8 line pair)

Product Packing Lists

Package List	Single Port Dual Fiber Gigabit Media Converter (ONV1110-SCX-O/ONV1110-MCX-O)
	Power Adapter
	User Guide
	Warranty Card