

## Single Port Dual Fiber Gigabit Media Converters - LC Fiber Port

(ONV1110-SLX-F/ONV1110-MLX-F)

### Single Port Dual Fiber Gigabit Media Converter



- ◆ Dual fiber bi-directional transmission with applications WDM wavelength of 850nm/ 1310nm/ 1550nm
- ◆ Ethernet 10base-T or 100Base – TX to 100Base – FX or 1000Base-T to 1000Base-LX/SX fiber media transition
- ◆ Supports IEEE 802.3U; IEEE 802.3X; IEEE 802.3z/AB; IEEE 802.1d standard
- ◆ The electrical interface port supports 1000Mbps, 100Mbps, 10Mbps, both ends of the electrical interface port can use different speed (Working bandwidth for full-duplex is line-speed 2XMbps)
- ◆ Features with link loss diagnosis, electrical port link diagnosis and optical port link diagnosis, dynamic data transmission, full-duplex/half-duplex, speed indicator
- ◆ Provide stand-alone RJ-45 electrical interface port, automatic cross connection with switch and hub network

### Product Description

This single port dual fiber gigabit media converter features with link loss diagnosis, electrical port link diagnosis and optical port link diagnosis, dynamic data transmission, full-duplex/half-duplex, speed indicator. It provides the stand-alone RJ-45 electrical interface port, automatic cross connection with switch and hub network. High-performance optical fiber interface, good compatibility and high reliability, fully compatible with other devices.

#### Applied Situations:

1. Bad industrial environment or high requirements for Lightning protection
2. Intelligent transportation supervisory system (ITS) and safe city
3. High speed way supervisory/ Tele-communication system, IP network camera
4. Security surveillance system of large corporations, multi-function network system
5. Long-distance multi-media schooling/ campus surveillance, long-distance broadcast television transmission system

**Technical Specification**

Product Name	Single Port Dual Fiber Gigabit Media Converter
Model	<b>ONV1110-SLX-F/ONV1110-MLX-F</b>
Description	Gigabit single electrical port, single mode/multimode dual fiber media converter
Interface	1x copper cable RJ45 port +1x LC fiber port
Transmission	20km. can be customized 550m, 40km, 60km or 100km
Optic Fiber	Dual fiber, single mode/ multimode
Broadband	1.25G
Rate	1000MHz
Network Media	100BASE-TX/1000BASE-TX: Cat5 and more UTP
Protocol	IEEE 802.3i;IEEE 802.3u;IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI
Architecture	Store and forward
EMI Safety	FCC Class A, CE
Power Supply	External power supply
Total Power	5W
Warranty	1 year warranty, life-long maintenance
Packing List	Gigabit Media Converter, User Guide, Power Adapter

**Product Ordering Information**

Model	Specs(LC Fiber Port, External Power Supply)	Maximum Transmission
ONV1110-MLX-F	10/100/1000M multimode dual fiber media converter, SFP LC port, 850nm	550m
ONV1110-SLX-F	10/100/1000M single mode dual fiber media converter, SFP LC port, 1310nm	20km
ONV1110-SLM-F	10/100/1000M single mode dual fiber media converter, SFP LC port, 1550nm,DFB	40km
ONV1110-SCL-F	10/100/1000M single mode dual fiber media converter, SFP LC port, 1550nm,DFB	60km
ONV1110-SCD-F	10/100/1000M single mode single fiber media converter, LC port, 1550nm,DFB	100km

Note: Can be customized different specifications according to customers' needs; can be customized the fiber transmission distance (550m, 20km, 40km, 60km, 100km)

**Product Packing Lists**

Package List	Dual Fiber Gigabit Media Converter
	User Guide
	Power Adapter
	Warranty Card