

OPTICAL NETWORK VIDEO TECHNOLOGIES (SHENZHEN) CO., LTD.

Product Datasheet

4-Port 10/100M Multimode Dual Fiber Media Converter

(ONV0110-MCX-S4)



OVERVIEW

10/100M series of fiber optic transceivers can be use between 100Base-TX cable and 100Base-FX fiber cable or 10Base-T cable and 10Base-FL fiber cable for the data transmission usage. Suitable for intelligent community, it extends the network transmission from 100m to 100Km.

Also it can be realize the interconnection between motherboard server, Repeaters, hubs, switches, and terminal. Plug and play design makes easy installation, no on-site adjustment, all the light, electricity interfaces are in line with international standards, Products applicable to different harsh industrial environment.

FEATURE

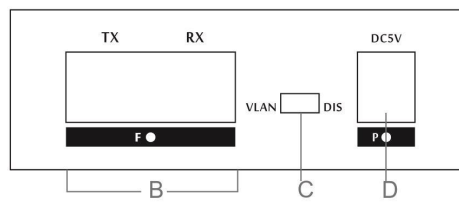
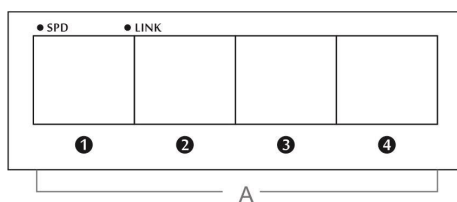
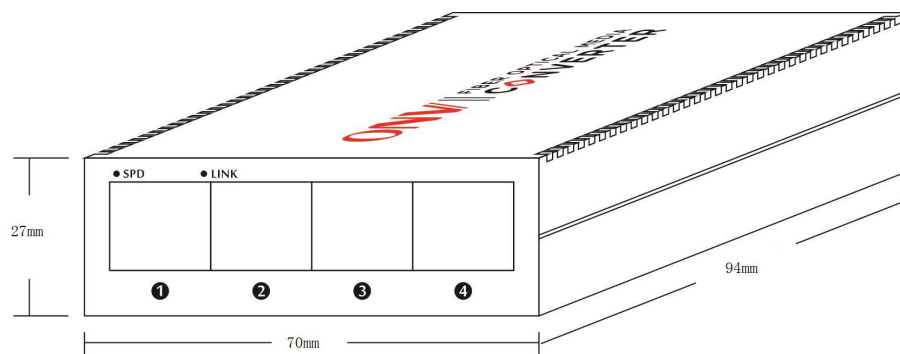
- ◆ 4*10/100M RJ45 Ports + 1*155M Fiber Port
- ◆ Ethernet 10Base-T or 100Base-TX to 100Base-FX fiber optical media converter
- ◆ Supports IEEE 802.3af, IEEE 802.3, IEEE 802.3U, IEEE 802.3X, IEEE 802.1d standard
- ◆ Ethernet RJ45 port supports the consultations between rate and duplex mode, parallel / crossover line adaptive function or enforcement mode
- ◆ Supports 10Mbps and 100Mbps automatically adaptive (Working bandwidth can be 200Mbps in full-duplex mode)
- ◆ Features with link loss diagnosis, electrical port link diagnosis and optical port link diagnosis, dynamic data transmission, full-duplex/half-duplex, speed indicator
- ◆ Supports super long frame transmission, fully compatible with various expansion standards data frame
- ◆ Supports optical path interruption transfer function, and transfer the interruption-alarm to the opposite equipment
- ◆ Provides single/dual fiber transmission, many optical interface configuration for different wavelength and LED power, etc.
- ◆ Various status indicators, can easily and accurately show the working status of the interface and link

TECHNICAL SPECIFICATION

Model	ONV0110-MCX-S4
Interface	4*10/100M RJ45 Ports + 1*155M Fiber Port
Transmission	2Km
Optic Fiber	Multi Mode Dual Fiber, SC port, 1310nm
Broadband	155M
Rate	10/100MHz
Network Media	10BASE-T: Cat3、4、5 UTP cable;

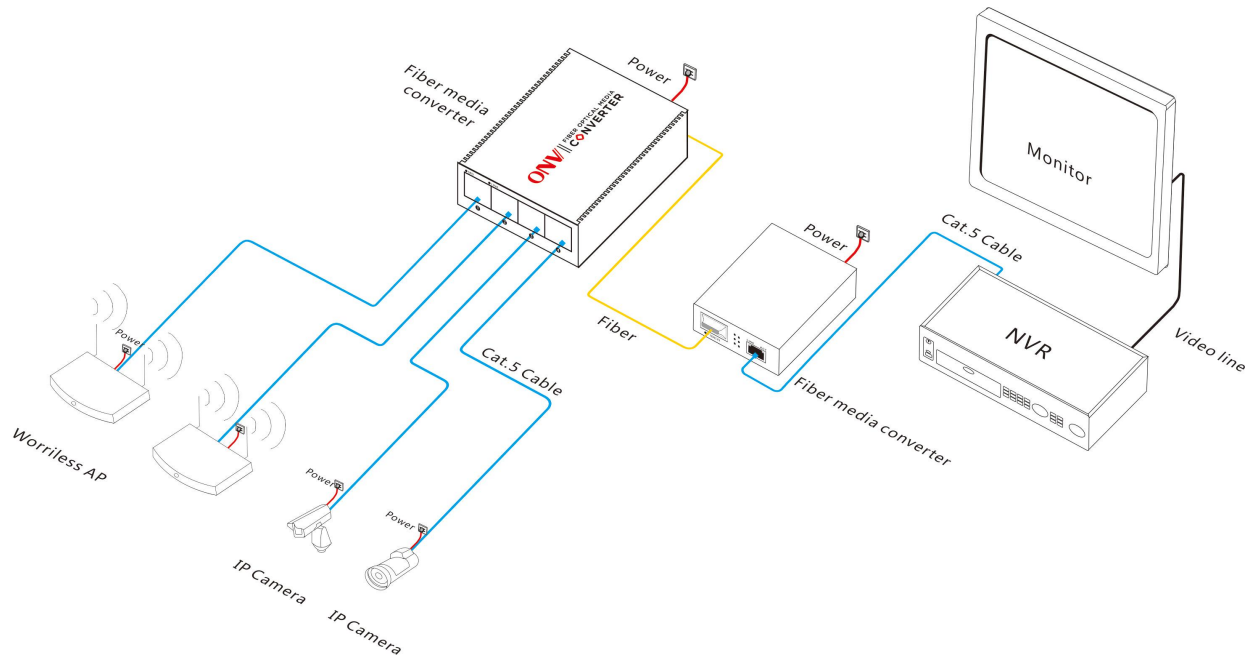
	100BASE-TX: more than cat5 UTP cable
Protocol	IEEE 802.3af; IEEE 802.3i; IEEE 802.3u; IEEE 802.3x Flow Control; IEEE 802.3af DTE Power via MDI
Architecture	Store-And-Forward Architecture
Dimension	94*70*27mm
Environment	Operating Temperature: -20 °C~+55°C ; Storage Temperature: -20 °C~+75 °C ; Relative Humidity: 10~95%(non-condensing)
EMI Safety	FCC Class A, CE
Power supply	Input:AC100-240V 50/60Hz; External power supply
Warranty	3 years warranty, life-time maintenance

DIMENSIO



A.4x 10/100M RJ45 Ethernet Ports B.155M SC Optic Uplink C.DIP Switch D.DC5V Power Input

APPLICATION



ORDERING INFORMATION

Model	Specs(SC Fiber Port, External Power Supply)	Maximum Transmission
ONV0110-MCX-S4	10/100M, 4*RJ45 ports, multimode dual fiber, 1310nm or 850nm, SC fiber port	2Km
ONV0110-SCX-S4	10/100M, 4* RJ45 ports, single mode dual fiber, 1310nm, SC fiber port	20Km
ONV0110S-SCX-S4-A	10/100M, 4* RJ45 ports, single mode single fiber, 1310nm, SC fiber port	20Km
ONV0110S-SCX-S4-B	10/100M, 4*RJ45 ports, single mode single fiber, 1310nm or 1550nm, SC fiber port	20Km

Note: External power supply (can be customized different power sockets for different countries)

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	4-port 10/100M multimode dual fiber media converter	1	SET
	Power Adapter	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US



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