







**10/100Base-TX to 100Base-FX Managed Card Type/ Stand Alone
Media Converter**

OP-ECxx1xxx-xx



Shenzhen Optostar Optoelectronics Co., Ltd

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Item	Fiber Media Converter
Model No.	OP-ECxx1xxx-xx
Description	10/100Base-TX to 100Base-FX
 <p>Card</p>  <p>SFP slot Card</p>	
 <p>Stand Alone</p>  <p>SFP slot Stand Alone</p>	

Overview

OP-ECxx1xxx-xx Series 10/100M Managed Media Converter translates 10/100Base-TX to 100Base-FX, extends data transmission distance from 100m via copper cables to 2/20/40/80/100km by optic fiber. Support SNMP, Web, Telnet, and Console management function.

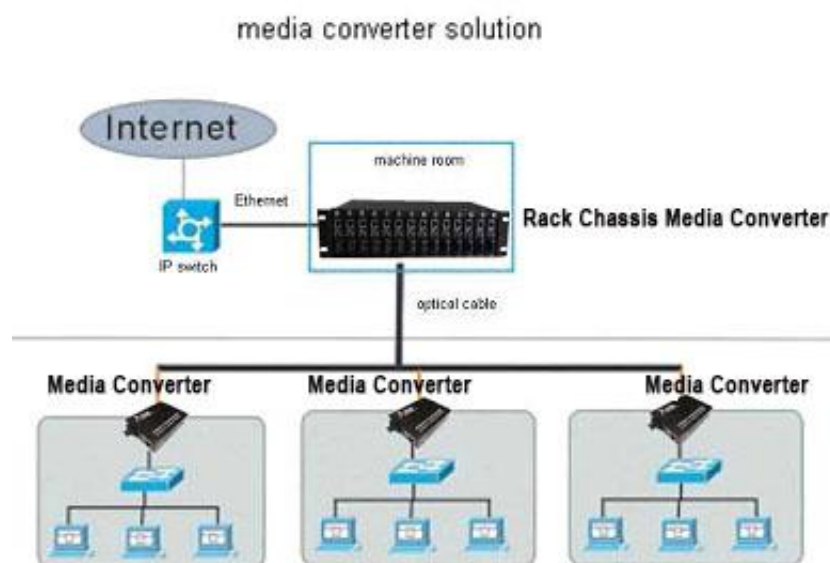
Features

- Supporting 10/100M, full/half duplex autosensing
- Supporting 1*9 transceiver and SFP transceiver
- Supporting IEEE802.3 ,IEEE802.3X
- Supporting auto-MDI/MDIX
- Max. 2046 bytes packet at store-and-forward mode; Max. 9K bytes packet at cut-through mode

- Rate Limit function, 32Kbps
- Supporting Loopback, precisely locating the failure, convenient for link test
- Supporting LFP, quickly locates the failure
- Supporting remote power off alarming
- Economical management function within bandwidth
- Support SFP DMI(Diagnostic Monitoring Interface) function
- The status of 10/100M media converters with IP113A/C/F/M chipsets can be monitored and queried at the same chassis system
- Supporting hot plug
- Supporting Remote management
- Easy installation with complete LED indicators for working situation
- With powerful network management function, supporting WEB and SNMP
- Supporting 2U chassis (OP-16-2A) and standalone use

Application

- Telecommunications
- LAN / WAN/ FTTX / CATV Networks
- ISP Backhaul Networking



Technical Indexes



Technical Parameter:	
Access Method:	1X10/100M RJ45 1X100Base-FX
Standard:	IEEE802.3 ,IEEE802.3u,IEEE802.3x
Wavelength:	850nm/1310nm/1550nm
Connector	SC,FC.ST.LC
Power Dissipation:	<3W
Operating Temperature:	0 ~ 50 °C
Humidity:	5%~90%
Storage Temperature:	-40~ 70 °C
Dimension:	156mm (W)×128mm(D)×32 mm(H) (standalone) 112.8mm (W)×77.2mm(D)×23 mm(H) (Card)

Order Information

Model No.	Data Rate	Fiber Mode	Wavelength	Fiber Connector	Distance	Power Supply	Type
OP-ECM51219-2	10/100M	MMF	1310nm	SC	2km		Card
OP-ECM11218-2	10/100M	MMF	1310nm	SC	2km	Ex.AC220V	Stand Alone
OP-ECS51219-20	10/100M	SMF	1310nm	SC	20km		Card
OP-ECS11218-20	10/100M	SMF	1310nm	SC	20km	Ex.AC220V	Stand Alone
OP-ECS51519-20	10/100M	Bi-di	TX1310/RX155nm	SC	20km		Card
OP-ECS11518-20	10/100M	Bi-di	TX1310/RX1550n	SC	20km	Ex.AC220V	Stand Alone
OP-ECS51719-20	10/100M	Bi-di	TX1550/RX1310n	SC	20km		Card
OP-ECS11718-20	10/100M	Bi-d	TX1550/RX1310	SC	20km	Ex.DC48V	Stand Alone
OP-MC-SFP-010-C	10/100M	SFP					SFP slot Card
OP-MC-SFP-010	10/100M	SFP				Ex.DC48V	SFP slot Stand Alone

Relative Product

16 Slot Chassis System for Card Type							
OP-F11-220	16 Slot Chassis with double AC220V Power Supply, for Card Type						
OP-F11-48	16 Slot Chassis with double DC48V Power Supply, for Card Type						
OP-ECM51211-2	10/100M	MMF	1310nm	SC	2km	Card	
OP-ECS51211-20	10/100M	SMF	1310nm	SC	20km	Card	
OP-ECS51511-20	10/100M	Bi-di	TX1310/RX1550nm	SC	20km	Card	
OP-ECS51711-20	10/100M	Bi-di	TX1550/RX1310nm	SC	20km	Card	



14 Slot Chassis System For Standalone Type						
OP-F12-220	14 Slot Chassis with double AC220V Power Supply, for standalone type					
OP-F12-48	14 Slot Chassis with double DC48V Power Supply, for standalone type					
OP-ECM11211-2	10/100M	MMF	1310nm	SC	2km	Standalone
OP-ECM11211-20	10/100M	SMF	1310nm	SC	20km	Standalone
OP-ECM11511-20	10/100M	Bi-di	TX1310/RX1550nm	SC	20km	Standalone
OP-ECM11711-20	10/100M	Bi-di	TX1550/RX1310nm	SC	20km	Standalone

Contact OPTOSTAR

Shenzhen Optostar Optoelectronics Co., Ltd

Address:A-14,Haide Building,the Intersection of Nanxin Road and Haide Second Road Nansha n District Shenzhen,China .

Tel: +86-755-26400198 +86-755-26400288 Fax: +86-755-26411001

Email: info@optostar.com.cn

Skype:ouyangroya

Web: www.optostar.com.cn