

# eWAVE2108 Series

Compact Size, High Speed WDM Platform



## COST EFFECTIVE COMPACT SIZE (1U) MULTI-SERVICE TRANSMISSION



### WHY CHOOSE eWAVE2108 series

Cost effective, mini-chassis and multi-service WDM transmission platform which provides 8 wavelengths for P2P or 4 wavelengths for Ring application per device, more wavelength application is possible by stacking multiple boxes at each location. eWAVE2108 channel supports standard MSA pluggable SFP/SFP+. Each channel port covers bit rate from 100Mb/s to 10Gb/s. It supports 1+1 optical channel and optical line protection. It is stackable for future expansion. eWAVE2108 compliant the standard of FCC, ROHS and VCCI/CE,



#### Network Topology Variability

Network expansion is no longer a problem. It can be set up to various topology such as P2P, Ring, Stacking to fulfill your need.



#### Support Network Management System

System management via Web GUI over HTTP, CLI over RS-232 or Telnet, 3rd party NMS over SNMP. You can configure and monitor the system remotely.



#### Develop Up to 8x10G or 2x40G

Each channel cover from 100Mb/s to 10Gb/s. Also, 40Gb/s signal can be transmitted by using MPO-4LC patch cord & 40G QSFP+ switch.



#### Pluggable Lower Maintenance Cost

Pluggable design for replacement of the active parts easily, it can reduce the maintenance expenses & time



#### Compact 1u mini-chassis

Multi function in 1 rack unit chassis (1U) is catered for saving the rack space in order to enhance the network capacity.



#### Protection OLP & OCP

It supports 1+1 optical channel and optical line protection.

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#### eWAVE Networks Ltd. (Global Head Office)

11/F EW International Tower, 120 Texaco Road, Tsuen Wan, Hong Kong  
TEL: +852 3520-4788 FAX: +852 3544-5765  
E-MAIL: info@ewave.com.hk Web: www.ewave.com.hk

#### イーウェーブネットワークス株式会社 (アジアオフィス)

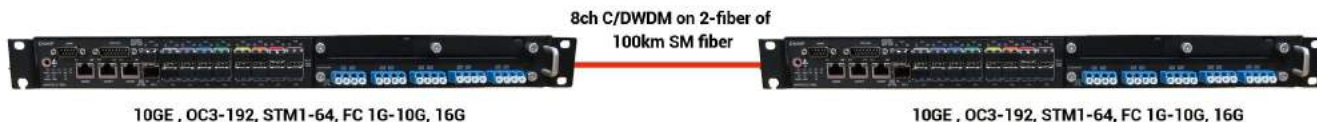
〒162-0803 東京都新宿区赤城下町45  
Tel: +81 03 6161 0770 E-mail: info@ewavenetworks.co.jp  
Web: www.ewavenetworks.co.jp

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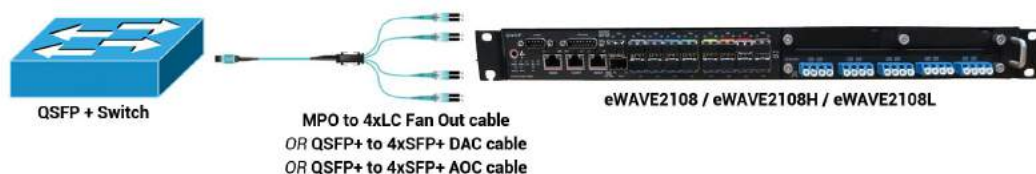
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## APPLICATION

### Example 1, Multi rate application between two Data Center (Ethernet, SDH/SONET, Fiber Channel and etc)



### Example 2, 40G Solution



### Example 3, Point to Multi-point Solution



## Technical Specification

eWAVE2108 / H / L	
<b>WDM Capacity</b>	1G, 2.5G, 4G, 8G, 10G, 16G, 40G C/DWDM
<b>Transmission Protocol</b>	
SDH	STM-1, STM-4, STM-16, STM-64
SONET	OC-3, OC-12, OC-48, OC-192
Ethernet	100M, 1G, 10G
Fiber Channel	1G, 2G, 4G, 8G, 10G, 16G*
Power	100~120/200~240VAC, 48V DC, <100W ~ 200W
Dimesnsion	436 x 408 x 44 mm
<b>Line Interface</b>	
Number of Interface	up to 8 x SFP/SFP+ Hot plugable
Wavelength	1270nm ~ 1610nm (ITU-Grid DWDM/CWDM)
Data Rate	100Mbps ~ 10Gbps
<b>Client Interface</b>	
Number of interface	up to 8 x SFP/SFP+ Hot plugable
Wavelength	850nm / 1310nm

\* eWAVE2108L Only

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CNMP NETWORK (Beijing) INC. (R&D Centre)

A, Floor 4, Building D, Keshi A28, Shangdi Xinx Road, Haidian District, Beijing 10085, China

Tel: +86 10-6296-0265

Fax: +86 10-6297-6116

E-mail: zytao@cnmpnetworks.net

Web: www.cnmpnetworks.net



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