

**Smart 10G Media
converter**

MAIN FEATURES

- 2 channels of multiservice transmission
- 10Gb/s
- GFEC and EFEC
- G.709
- Dying GASP
- Dual-channel 3R Repeater application
- 1+1 channel redundancy
- Point to point, and star topology
- Hot pluggable SFP+
- Pluggable power supply

SYSTEM FEATURES

- 2 x User Ports
- 1 x Management Slot

eWAVE6102

Cost Effective, Smart 10G Media-Converter with FEC/ in-band



eWAVE6102 is a cost effective, two channels multiservice, smart 10G media-converter which is used for point to point application, or used as remote terminal for star topology application with eWAVE2108H as a hub. FEC is used in every channel to improve transmission performance with 7~8dB coding gain. It supports in-band management so that the HUB (e.g. eWAVE2108H) or another eWAVE6102 with a management card at center office can access remote unit.

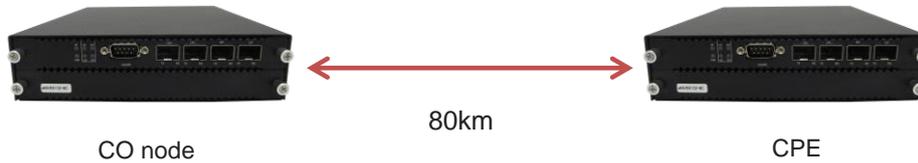
FEATURES:

- Two slots for transponder cards(eW61002DW), or management card(eW6102MC)
- Supports ITU G.709
- Supports GFEC or EFEC
- Supports in-band management (remote configuration and performance monitoring)
- Can be used as a remote standalone unit without management card
- Supports dying GASP
- 1+1 pluggable AC power supply
- Supports repeater mode
- 1+1 protection
- Local CLI interface with/without Management card
- Local Web-GUI and SNMP with Management card



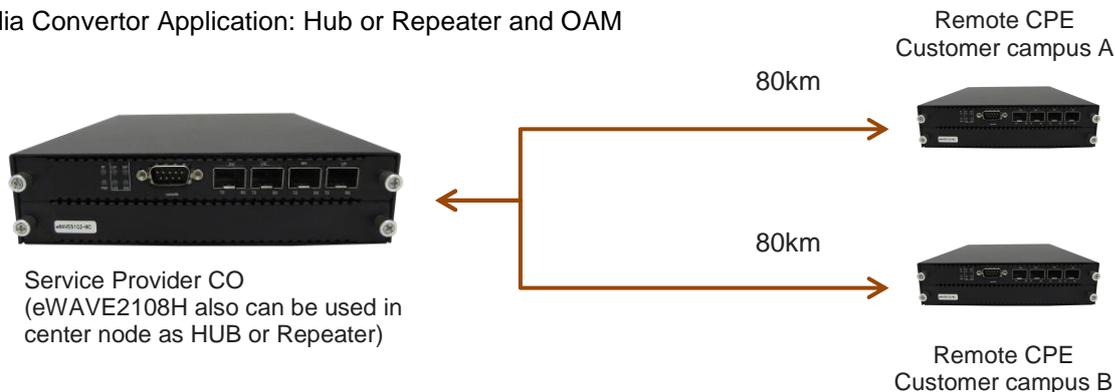
Application Example 1:

Media convertor application: PTP and OAM application



Application Example 2:

Media Convertor Application: Hub or Repeater and OAM



Technical Specification	
Function	10G media converter
Transmission Data Rate	
SDH	STM-64
SONET	OC-192
Ethernet	10GE
Fiber Channel	8G,10G
Client Interface	
Number of interfaces	Up to 2x SFP+ Hot Pluggable
Wavelength	850 nm or 1310 nm
Line Interface	
Number of interface	Up to 2x SFP+ Hot Pluggable
Wavelength	From 1270nm to 1610nm
Power	100~120/200~240VAC,
Dimension	221x150x44.5 (mm)
Weight	1.6kg (with two PSU and one eW61002DW)