eWAVE

eWAVE3214

Multi Service WDM Transmission Equipment

SMALL SCALE

HIGH DENSITY

DWDM/CWDM

PLATFORM

- 19 inch
- 2U Mini Chassis
- Front jumper connectivity
- EDFA card function
- Plug and Play
- 1+1 Redundancy
- Low power consumption
- Point to point topology
- Active Ring Topology
- Stacking Application
- System controller with OSC
- Hot Pluggable Power Supply

HARDWARE FEATURE

- 8 x Transponder Card
- 4 x EDFA Card
- 2 x Band filter
- 2 x Mux/Demux
- 1 x 10-T Management

eWAVE3214 is the next generation integrated fiber transmission platform. eWAVE's WDM product lines supports multi service traffic and hence it's offers a comprehensive solution to Service Providers, Enterprise, Data Centers and Cable. The system is adopted with WDM technology and goes up to 160Gbps transmission capacity with distances up to 1000km. With such well balance performances, eWAVE3214 is the price performance leader in optical transport market.

This chassis is equipped with hot pluggable line cards with maximum of 16 channels. The client side ports are implemented by SFP, XFP or SFP+ modules. Single pair of fiber transmission is possible by using CWDM/DWDM technology.
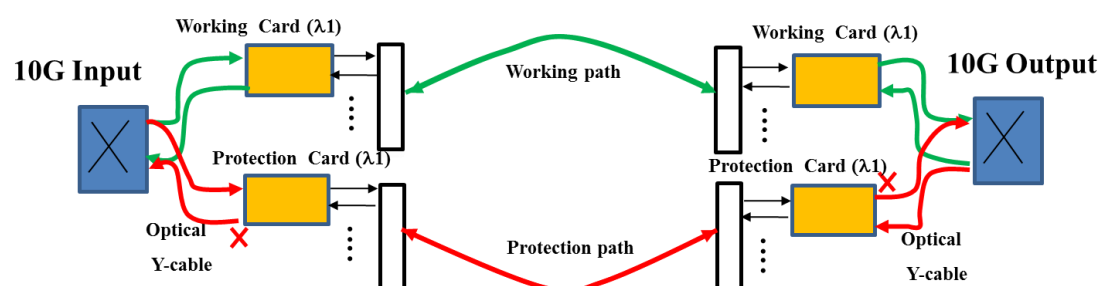
The system is employed with standard-based management protocols such as Graphic User Interfaces (GUI), CLI and SNMP. These can be accessed either though RS232 or Telnet via TCP/IP. User can configure and monitor the system remotely. This also allows eWAVE3214 to be easily integrated into existing EMS system as a plug-in network element.

Hot Pluggable Power Supply

New special feature in eWAVE3214 is hot pluggable power supply. This feature allows users to change or repair the working system without any interruption. Also, known as dual redundant power supplies.
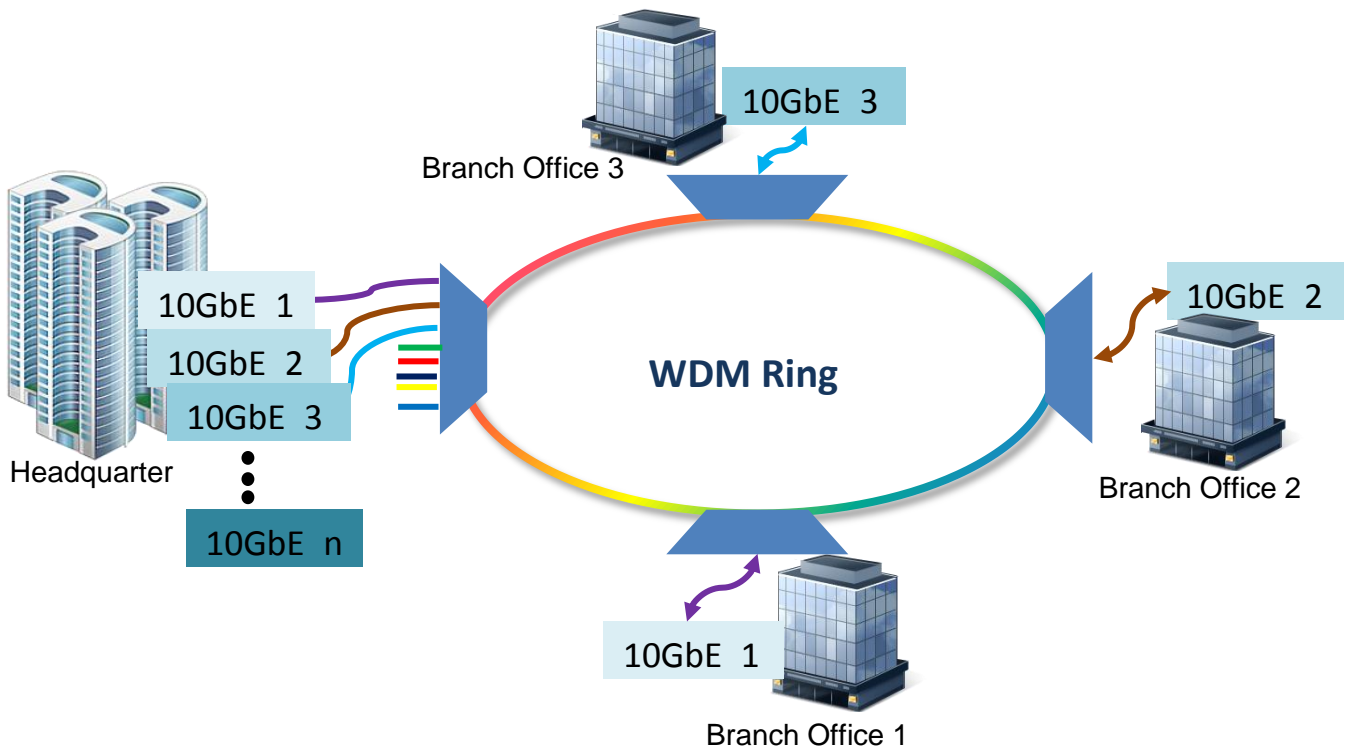
Resilience Options

eWAVE3214 can be configured into a line protection or equipment protection configuration via a passive coupler as show below. Protection switching is performed in less than 30ms.

eWAVE3214

- Metro and Regional Packet Optical Networking
- Mobile Backhaul
- Data Center
- Carrier Ethernet

Network Applications

eWAVE3214 consists 160Gbps per chassis. It can transports signal among headquarter and branch offices within distance of 1000km.

Platform Technical Specifications	eWAVE3214
Transmission Mode	Ethernet over WDM, OTN
Rack Size	2U
Max Channels	16 channel per chassis
Max Transmission Capacity	160Gbps per chassis
Link budget	26dB (typical)
Interfaces	1G,2G SFP*
	10G XFP*, SFP+*
Management	GUI NMS, SNMP, CLI, Telnet/SSH
Power Consumption	<280W
Power Redundancy	2 powers (pluggable) AC100-240VAC/DC-55~-40VDC
Weight	<12kg (max configuration)
Dimension (WxDxH)	483x450x88.8 (include framework)
Operating Temperature	0 ~ +40 °Celsius

*Purchased separately

CNMP