H0FL-EthMux SA1601 1602 TDM over IP Multiplexer





Overview:

As a cost effective solution for the traditional telecom services migrate to the IP packet networking technology, H0FL-EthMux SA1601 1602 adopt the innovative TDM over IP technology, with IP circuit emulation that supports transportation of 1/2 E1 over FE port. The uplink ports and user data ports are IEEE 802.3 compliant, 10/100 auto-sensed Ethernet ports.

State-of-the-art design provides the highest availability with the accurate timing signal and data bit stream reconstruction. Predefined system parameter profiles that according to different application requirement; ultimately simplify the installation process and saving the maintenance cost.

Telecom and Enterprise users can save a lot of access and equipment costs and generates new revenue by offering different types of service over existing Ethernet networks. It is also suitable for connecting to the wireless equipment to achieve fast deployment of E1 services. One particular application is to build E1 links with low cost Wireless LAN bridges, replacing much more costly microwave radios. Operators can use H0FL-EthMux SA1601/1602 to provide legacy TDM services over wired or wireless packet network

Features

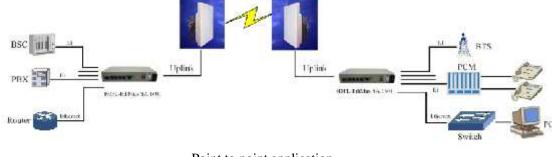
- 1. Support IETF RFC4553 SAToP protocol, Ethernet encapsulation support IP/UDP.
- 2. Provide 4 FE electrical ports and 1 FE optical port, 2 uplink ports, 2 user data ports or monitoring ports, optical port can be used for uplink or user data.
- 3. User-friendly Web server supported for easy setup and maintenance
- 4. Support SNMP V1/V2 network management
- 5. E1 clock supports 3 mode: local clock, adaptive and loopback
- 6. E1 service support lossy and lossless protection
- 7. Ethernet built-in layer 2 switch, support VLAN(port based, 802.1Q based and QinQ based), QoS(port based, 8021.1P based, MAC based and TOS based).
- 8. Ethernet support IEEE 802.3x, RSTP (802.1w), LLDP, Ethernet ring protection, OAM and MAC address automatic learning
- 9. Ethernet packet size up to 9720byte
- 10. Point to point and point to multipoint supported
- 11. Local Ethernet port throughput limiting
- 12. Software and hardware online upgrade
- 13. Power supply redundancy

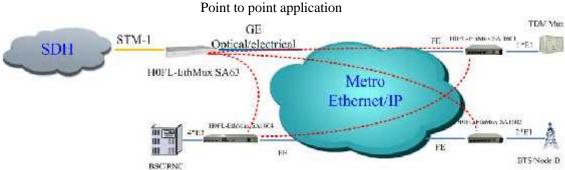
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Technical Specifications

Item	Description	
Model	H0FL-EthMux	2 uplink, 1/2 E1/T1s
	SA1601 1602	
Service card	Ethernet interfaces	4 FE electrical ports and 1 FE optical port
		Comply with IEEE 802.3, 802.1Q, 802.1P, 802.3x
		Speed and duplex auto-negotiation or manual
	E1 interface	H0FL-Ethmux SA1601: 1 E1 ports
		H0FL-Ethmux SA1602: 2 E1 ports
Power	Supply	AD or DC
		DC -48V (-32V~-72V)
		AC 220V (165V~265V)
	Consumption	40W
Working Environment	Temperature	0~ 50°C
	Relative Humidity	90% (non-condensing)
Dimension	W x H x D (mm):	185 x 35 x 136.5 (mm)

Typical Application





Point to multipoint application