

H0FL-EthMux V801

E1/T1 over Ethernet Multiplexer
(TDM over IP)



> Overview






As a cost effective solution for the traditional telecom services migrate to the IP packet networking technology, H0FL-EthMux V801 adopts the innovative TDM over IP technology, it transports the legacy E1 data through existing Ethernet or IP network.

H0FL-EthMux V801 is the new generation of the TDM over IP equipment with IP circuit emulation that supports transportation of E1 over Ethernet or IP network. The uplink ports are IEEE 801.3 compliant, 10/100BaseT auto-sensed Ethernet port.

The 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 V801 to provide legacy TDM services over wired or wireless packet network.

Interoperability Table with Wireless Bridges

LOGO	Manufacturer	Country of Origin	Model
	MOTOROLA	USA	PTP100 Series, PTP200 Series, PTP300 Series, PTP400 Series, PTP 500 Series, PTP600 Series
	Alvarion	Israel	BreezeNET B Series B10, B14, B28, B100, B300, BreezeNET DS.11 etc
	Proxim	USA	Tsunami™ QB-8100 Series and QuickBridge Series
	Infinet Wireless	Russia	InfiLink, InfiLink 2x2 etc
	Firepro Wireless	India	LR1R-H1, LR1R, SR series

Note: More wireless bridges are supported

Technical Specifications

Item	Description	
Model	H0FL-EthMux V801	2 Uplinks(1+1), 1 E1/T1
Interfaces	Uplink	2 Uplink Ports Comply with IEEE 801.3 Speed and duplex auto-negotiation or manual Web Manager Supported
	E1/T1 Port	1 E1 Port Comply with G.703 Impedance: E1-120Ω or 75Ω/T1-100Ω
Power	Supply	A DC -48V(-36V ~ -72V)
		B AC ~220V(100V ~ 260V)
	Consumption	≤3W
Working Environment	Temperature	0~ 50°C
	Relative Humidity	≤90% (non-condensing)
Dimension	W x H x D (mm):	185x35x 136.5