

Jeson 4E1- Ethernet Interface Converter



FUNCTIONS

➤	The 4E1 to Ethernet Converter bi-directionally converts one Ethernet channel to one, two, three or four G.703 E1 channels.
➤	The converter acts as a high performance, self learning Ethernet bridge, learning and storing MAC addresses and forwarding or blocking packet passage to the other side of the bridge according to the position of the various MAC addresses on the network.
➤	The converter provides Link Error Code supervision. If any of the E1 links becomes errored beyond a specified error threshold, that E1 link will be disabled for traffic until the error rate reduces to acceptable levels.
➤	The converter has provisions to set local and remote loopbacks of the Ethernet traffic for diagnostic purposes.
➤	Ethernet packets will not be lost due to the disconnection of E1 channels or errors occurring on the E1 channels.

SPECIFICATIONS

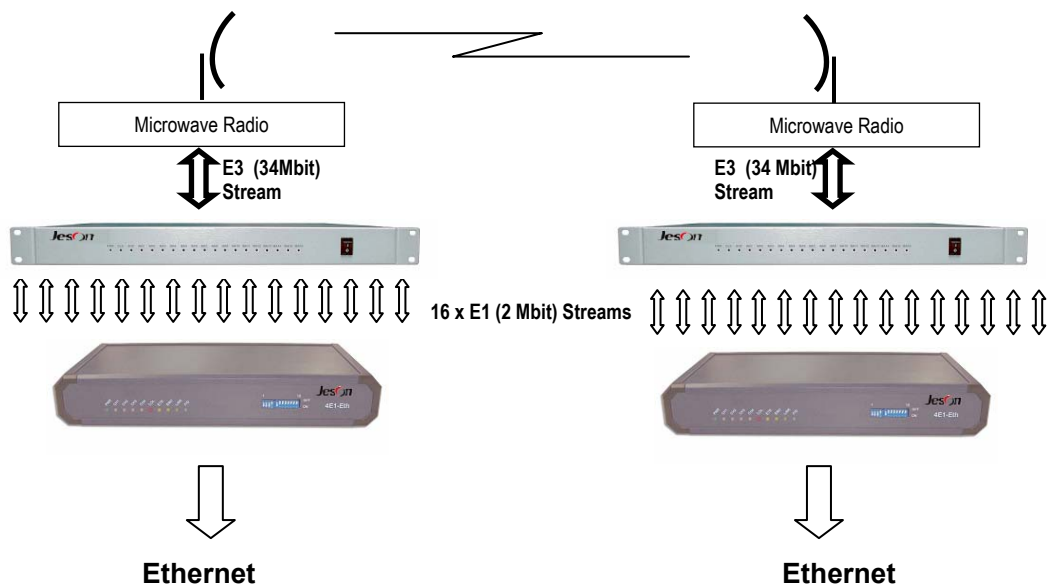
Interface type	Ethernet 10MBit or 100MBit		
Data Throughput Rate	<ul style="list-style-type: none"> 1.92 MBit (1E1 connected) 3.84 MBit (2E1 connected) 	<ul style="list-style-type: none"> 5.76 MBit (3E1 connected) 7.68 MBit (4E1 connected) 	
E1 Impedance	75 ohms Unbalanced		
E1 Connector	BNC Female		
Ethernet Connector	RJ-45, straight and crossed		

WORKING ENVIRONMENT

Input Voltage	AC 120V, 240V Power supply voltage DC -48V, +24V (AC or DC) must be chosen before placing order <i>Tolerance for all is +/- 20%. Specify voltage when ordering</i>
Power Consumption	< 5W
Dimensions	300 mm x 150 mm x 40 mm (W x D x H)
Storage Temperature	- 40 to + 70 degrees C
Relative Humidity	< 95 %

NOTE: This unit should be operated in a low dust environment in a location that is free from high electromagnetic interface.

APPLICATION



Jeson Wireless Ltd.