DATA SHEET
TESIRA® AVB-1
DIGITAL AUDIO NETWORKING CARD

The Tesira AVB-1 is a digital audio networking card for Tesira SERVER and SERVER-IO devices that allows a Tesira system to send and receive digital audio over an Ethernet network utilizing AVB-enabled switches. In addition to allowing up to 420 x 420 channels of interconnectivity over AVB from any other compliant device, Tesira uses AVB/TSN as the default interconnect transport between Tesira DSPs and remote devices. Explicit input and output blocks are available in Tesira software for signal routing, and the AVB-1 card can be factory installed or installed in the field.

FEATURES

- Up to 420 x 420 channels of digital I/O over AVB/TSN
- IEEE Standards based
  - 802.1AS
  - 802.1Q
  - 1722
  - 1722.1
- Explicit AVB input and output blocks in Tesira software
- Dual RJ-45 connections for primary and secondary redundant networks
- Can be installed in conjunction with DAN-1 and SCM-1 cards
- System configuration and control via Ethernet
- RoHS compliant and AES grounded
- Covered by Biamp Systems' 5-year warranty

biamp.
A: 9300 S.W. Gemini Drive Beaverton, OR 97008 USA T: +1 503.641.7287 W: www.biamp.com

ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio networking card shall be designed for installation at the factory or in the field. The digital audio networking card shall be installable into Tesira SERVER or Tesira SERVER-IO. The digital audio networking card shall be equipped with dual RJ-45 connectors allowing for interface with devices utilizing AVB/TSN. The digital audio networking card shall operate in a single chassis or over a larger Tesira system in conjunction with other digital networking protocols including CobraNet® and Dante™. The digital audio networking card shall incorporate AES48-2005 Grounding and EMC practices and shall be compliant with the RoHS Directive. Warranty shall be five years. The digital audio networking card shall be Tesira AVB-1.

TESIRA AVB-1 SPECIFICATIONS

Audio Channels In/Out:	Up to 420 x 420	**Compliance:**	
Sample Rate:	48kHz		AES48-2005 Grounding and EMI practices RoHS Directive (Europe)