

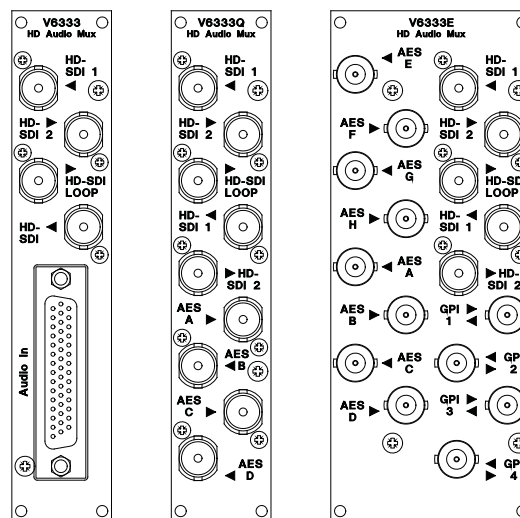
Features

- Automatic for HD-SDI or SD-SDI inputs
- 4 or 8 AES input versions
- 24 Bit AES multiplexing
- Input Rate Converters with independent bypass
- Dolby E, Dolby® Digital compatible

Vistek V6333

HD/SD Audio Multiplexer

The V6333 is a digital audio HD/SD-SDI multiplexer. Operation is fully automatic with respect to the HD or SD-SDI input. Two versions are available for either 4 or 8 AES inputs. Each version has two rear module options. Option 1 has D type connectors for balanced or unbalanced AES connections and option 2 has BNC connectors for unbalanced AES connections. The BNC option for the 8 AES input version is a dual width rear module. Both V6333 versions implement full 24 bit AES synchronous or asynchronous multiplexing. All AES inputs include rate converters to allow asynchronous PCM AES inputs to be clock locked to the HD SD-SDI input if required. Each of these can be independently disabled to permit 'bit for bit' multiplexing of non PCM AES streams such as Dolby E and Dolby Digital.





Order codes

V6333Q/D

HD/SD 4 AES input MUX.

V6333E/D

HD/SD 8 AES input MUX.

All Snell's quoted prices for interface modules include the supply of one suitable rear module. Please specify type required when placing order.

V16AR3AE

3RU - High Density D connector for AES inputs (balanced or unbalanced). Use with V6333Q or V6333E/D.

V16AR3AG

3RU - BNC connectors for AES inputs (unbalanced). Use with V6333Q.

V16AR3AF

3RU - BNC connectors for 8 AES inputs (unbalanced). Dual width rear module. Use with V6333E.

Note: Special versions of rear modules are available on request.

Company policy is one of continuous product improvement. Specifications are therefore provisional and subject to change without notice. All other trademarks mentioned herein are duly acknowledged.

Technical Specification

Serial Inputs	2 (Switchable)	AES Inputs	4 or 8
Standards	SMPTE 259M (SD), SMPTE 292M (HD)	Sampling	48KHz, 44.1KHz, 32KHz
Multiplexing	SMPTE 272M (SD), SMPTE 299M (HD)	Format	AES-3
Line/field rates	1080i @ 50Hz, 1080i @ 59.94Hz 720p @ 50Hz, 720p @ 59.94Hz 576i/50Hz, 480i/59.94Hz	Processing	24 Bit
Detection	Automatic	Connector	HD D Type (26 way) or BNC
Connector	BNC	Impedance	110 ohm balanced, 75 ohm unbalanced
Impedance	75 ohm	Cable Equalization	Up to 250m
Return loss	>15dB, 5MHz - 1.5GHz		
Cable equalization SD-SDI	Automatic 0-200m @ 270Mb/s (Belden 8281)		
Cable equalization HD-SDI	Automatic 0-100m @ 1.485Gb/s (Belden 1694)		
Serial Outputs	2 (Processed + 1 Active Looped from input)		
Standards	As inputs		
Line/field rates	As inputs		
Connectors	BNC		
Impedance	75 ohm		
Return loss	>15dB, 5MHz - 1.5GHz		
Cable drive SD-SDI	200m @ 270Mb/s (Belden 8281)		
Cable drive HD-SDI	100m @ 1.485Gb/s (Belden 1694)		