

# HD/SD PIPELINE

HD/SD AUDIO/VIDEO PROFANITY DELAY SOLUTION



- Up to 39-seconds SD delay
- Up to 6-seconds HD delay
- 10-bit video processing
- Primary and auxiliary/alternate video inputs
- 24-bit audio processing
- AES/EBU audio, digital or analog
- 4 auxiliary/alternate audio inputs
- Audio can be switched with or independent of video

# HD/SD PIPELINE SPECIFICATIONS



## Video Interface

Input:	HD/SDI (1.483 Gb/s Component Serial) SD/SDI (270 Mb/s Component Serial)	75 Ohm, BNC
Output (2 each):	HD/SDI (1.483 Gb/s Component Serial) SD/SDI (270 Mb/s Component Serial)	75 Ohm, BNC
AUX Input (Alternate Source): <small>*SD output only available with SD input *HD output only available with HD input</small>	HD/SDI (1.483 Gb/s Component Serial) SDI/SDI (270 Mb/s Component Serial)	75 Ohm, BNC

## Digital Audio Interface

Inputs: (4 channels)	Digital (AES/EBU) up to 24 bits	75 Ohm, BNC
Outputs: (4 channels)	Digital (AES/EBU) up to 24 bits	75 Ohm, BNC
AUX Inputs (4 channels):	Digital (AES/EBU) up to 24 bits	75 Ohm, BNC

## Analog Audio Interface

Inputs: (4 channels)	Analog (18 bits)	600 Ohm, 4 XLR
Outputs: (4 channels)	Analog (18 bits)	600 Ohm, 4 XLR
AUX Inputs (4 channels): Alternate Source	Analog (18 bits)	600 Ohm, 4 XLR

## Other

Ext. Reference(s):	2 Sources, Front Panel Selectable via Menu	
Genlock 1:	300m Vpp, Black Burst NTSC/PAL	75 Ohm, BNC
Genlock 2:	600m Vpp, HiDef Tri-Level Sync	75 Ohm, BNC
GPI Control:	Switch Closure / LED Drive / Programmable	9-pin D Connector
Remote Control:	RS-232 / RS-422 Selectable	9-pin D Connector
Remote Control:	R5 Desktop	9-pin D Connector

## Environmental

Operating Temperature:	32°F (0°C) to 113°F (45°C)
Operating Humidity:	10% to 95% RH Non-Condensing
Power Supply:	Universal 117VAC to 230VAC
Power Dissipation:	65 Watts
Height:	2RU, 3.5 Inches (8.89 cm)
Width:	19 Inches (48.3 cm)
Depth:	15 Inches (38.1 cm)
Weight:	19lbs. (8.6 Kg)

Prime Image's HD/SD Pipeline provides an audio/video delay solution for HD or SD signals in a single 2RU unit for the purpose of ensuring that programming meets FCC regulations regarding profanity content suppression. The HD/SD Pipeline's undetectable process provides audio/video delay, sync adjustment, and signal alignment for broadcast, satellite, cable, corporate, surveillance, and post applications.

The HD/SD Pipeline's serial digital interface provides audio/video delay for standard or high definition, with up to 6-seconds of HD delay, and up to 39-seconds of SD delay. Objectionable video and audio can be cut away jointly or independently of one another during output.

HD/SD Pipeline's features include; real-time, on-air operation, programmable video delay through frames or seconds, 10-bit video processing, with a primary video that is complemented by an auxiliary/alternate video input, and 24-bit audio processing with four in and out channels, and four auxiliary/alternate audio channels. All audio channels are AES/EBU digital or analog selectable and can be switched with, or independent of auxiliary video.

The HD/SD Pipeline's signal adjustment capability aligns incoming and outgoing signals in perfect synchronization making the HD/SD Pipeline the ideal solution for applications which require multsyncing of various feeds from satellites, microwave, and other non-synchronous sources.

For more information, please visit us at [www.primeimageinc.com](http://www.primeimageinc.com) or call us at **408.926.5177**.

