OEM-HS
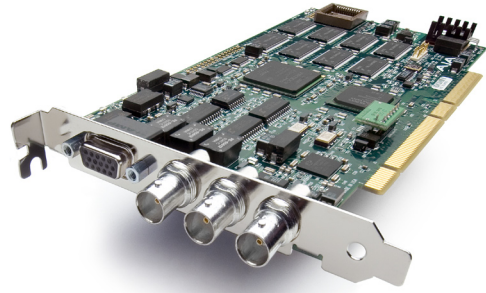## PCI Card for 8/10-bit Uncompressed Digital SD, HD I/O

RELIABLE AND AFFORDABLE 10-BIT QUALITY

The OEM-HS is AJA's proven platform for digital uncompressed audio and video I/O. OEM-HS is compatible with Windows Vista and XP, and Linux via our robust and proven SDK environments for each of these platforms. Like all of our products, OEM-HS is built to the highest specifications offering true broadcast-level performance within your systems and applications.

Major Features

- 8/10-bit Uncompressed SD/HD PCI I/O Card
- PCI-66/64
- SDI or HD-SDI Input, SDI/HD-SDI Output
- 6-ch Balanced XLR AES Digital Audio I/O, 24-bit 48khz
- 8-ch SDI Embedded Audio I/O, 24-bit 48khz
- HD/SD Genlock
- Cables Standard
- 3-year warranty

MULTIPLE OS SUPPORT, COMMON API, ROBUST SDK

OEM-HS is compatible with Windows Vista, XP, and Linux via our SDK (Software Development Kit), sharing one unified API (Application Programming Interface). This common API means less time developing if you are developing on multiple platforms and even multiple AJA cards. Our SDK's are feature rich and proven through the years.

Our SDK supports multiple OS's, including:

- Windows Vista 32-bit
- Windows Vista 64-bit
- Windows XP 32-bit
- Windows XP 64-bit
- Linux 32-bit
- Linux 64-bit

A more in-depth overview of our SDK can be found on our website, as well as in our OEM Overview whitepaper. Please contact us for more information, as well as additional information on our entire line of OEM cards.

Please continue for technical information on the OEM-HS.

AJA
VIDEO SYSTEMS

www.aja.com
530.274.2048
800.251.4224 US

SPECIFICATIONS

OEM-HS
PCI 66/64, PCI-X Compatible

Video Input
Digital:
HD-SDI/SDI, SMPTE-259/292/296

Video Output
Digital:
HD-SDI/SDI, SMPTE-259/292/296

Audio Input
Digital:
6-channel 24-bit AES/EBU, 48KHz sample
rate
8-channel 24-bit SDI embedded, 48KHz
synchronous

Audio Output
Digital:
6-channel 24-bit AES/EBU, 48KHz sample
rate
8-channel 24-bit SDI embedded, 48KHz
synchronous
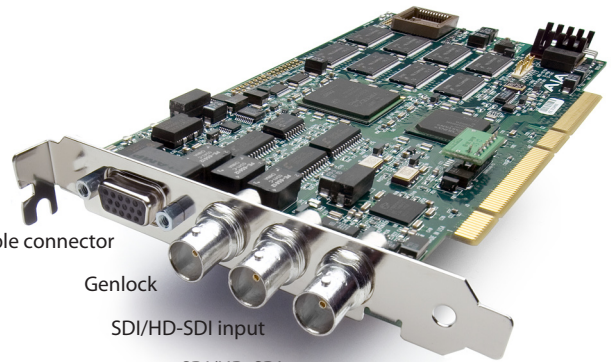Word Clock output, via unbalanced RCA

Video Formats
SD:
525i 29.97
625i 25

HD:
720p 50
720p 59.94
720p 60
1080i 25
1080i 29.97
1080i 30
1080p 23.976
1080psf 23.976
1080p 24
1080psf 24
1080p 25
1080psf 25
1080p 29.97
1080psf 29.97
1080p 30

Reference
Analog Color or HD Tri-level
1 BNC

Breakout cable connector
Genlock
SDI/HD-SDI input
SDI/HD-SDI output

CARD CONNECTIVITY

STANDARD BREAKOUT CABLE

6-channel output
AES/EBU via XLR

Word Clock output via RCA

6-channel input
AES/EBU via XLR

Card Connector

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