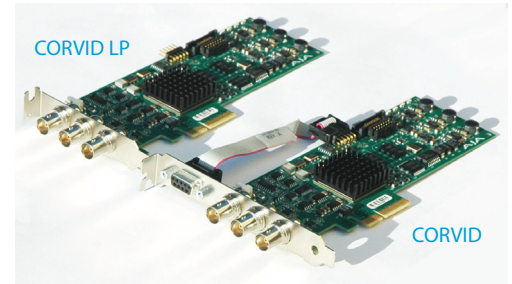


# Corvid

PCIe 4x Card for 8/10-bit Uncompressed  
Digital SD, HD I/O



## RELIABLE AND AFFORDABLE 10-BIT QUALITY

Corvid is AJA's proven platform for digital uncompressed audio and video I/O. Corvid is compatible with Windows XP, Windows Vista, and Linux via our robust and proven SDK environments. Corvid is available in two versions: a standard PCIe "Short" card and a "Low Profile" form factor. Like all of our products, Corvid 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 Express 4 lane
- Available in PCIe form factor (Corvid) or PCIe Low Profile form factor (Corvid LP)
- SDI or HD-SDI Input, SDI/HD-SDI Output
- 16-ch SDI Embedded Audio I/O, 24-bit 48khz
- HD/SD Genlock, Reference Video or LTC Input (selectable)
- 3-year warranty

## MULTIPLE OS SUPPORT, COMMON API, ROBUST SDK

Corvid 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 Corvid.



www.aja.com  
530.274.2048  
800.251.4224 US

## SPECIFICATIONS

### Corvid

PCI Express 4 lane

### Video Input

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

### Video Output

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

### Audio Input

Digital:  
16-channel 24-bit SDI embedded, 48KHz  
synchronous

### Audio Output

Digital:  
16-channel 24-bit SDI embedded, 48KHz  
synchronous

### Video Formats

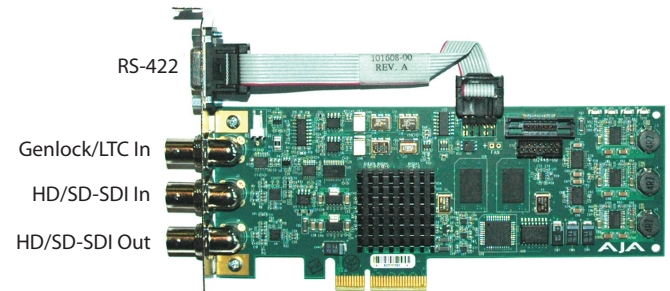
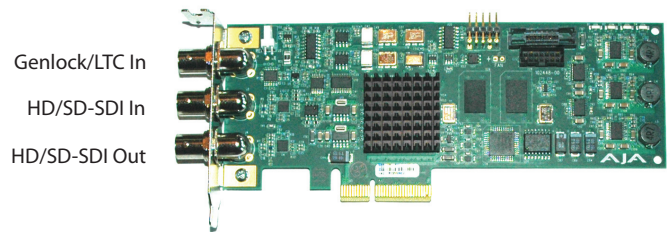
SD:  
525i 29.97  
625i 25

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

### Reference

Analog Color Black  
or HD Tri-level sync

## CORVID LP CARD CONNECTIVITY



## CORVID CARD CONNECTIVITY

### About AJA Video Systems, Inc.

Since 1993, AJA Video has been a leading manufacturer of high-quality and cost-effective digital video interface, conversion and Desktop solutions supporting the professional broadcast and post-production markets.

AJA is headquartered in Grass Valley, California, For further information, please see our website at [www.aja.com](http://www.aja.com)

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VIDEO SYSTEMS

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