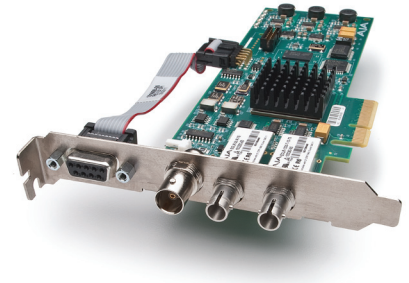


Corvid 3G Fiber

PCIe 4x Card for 8/10-bit Uncompressed Digital 3G, HD, and SD over Fiber I/O



RELIABLE AND AFFORDABLE 10-BIT QUALITY

Corvid 3G Fiber is AJA's proven platform for digital uncompressed audio and video I/O. Corvid 3G Fiber is compatible with Windows XP, Windows 7, Mac OS X, and Linux via our robust and proven SDK environments. Corvid 3G Fiber is available in two versions: a standard PCIe "Short" card and a "Low Profile" form factor. Like all of our products, Corvid 3G Fiber is built to the highest specifications offering true broadcast-level performance within your systems and applications.

Major Features

- PCI Express 4 lane
- 1 Channel 3G, HD-SDI or SD-SDI over Fiber ST connector Input ,
1 Channel 3G, HD-SDI or SD-SDI over Fiber ST connector Output
- 8/10 Bit YCbCr and RGB framebuffer formats
- 1 Mixer/Keyer
- Available in PCIe form factor (Corvid 3G) or PCIe Low Profile form factor (Corvid 3G Fiber LP)
- 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 3G Fiber is compatible with Windows 7, XP, Mac OS X 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 7 32-bit
- Windows 7 64-bit
- Windows XP 32-bit
- Windows XP 64-bit
- Mac OS X
- 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 3G Fiber.



VIDEO SYSTEMS

www.aja.com

530.274.2048

800.251.4224 US

SPECIFICATIONS

Corvid 3G Fiber

PCI Express 4 lane

1 Video Input

Digital:
3G/HD/SD-SDI, SMPTE-259/292/296/424
over ST Fiber connector

1 Video Output

Digital:
3G/HD/SD-SDI, SMPTE-259/292/296/424
over ST Fiber connector

1 Audio Input

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

1 Audio Output

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

1 Independent LTC In/Out

1 Independent RS-422

Order Information:

Z-OEM-CRVGFT-R0, CORVID 3G Fiber
Z-OEM-CRVGFS-R0, CORVID 3G Fiber LP

Video Formats

SD:
525i 29.97
625i 25

3G/HD:
720p 50
720p 59.94
720p 60
1080i 25
1080i 29.97
1080i 30
1080PsF 23.98
1080PsF 24
1080PsF 25
1080PsF 29.97
1080PsF 30
1080P 23.98
1080P 24
1080P 25
1080P 29.97
1080P 30
1080P 50
1080P 59.94
1080P 60

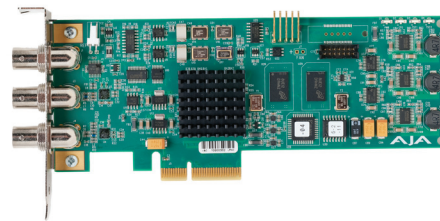
2K:
2048 x 1080P 23.976
2048 x 1080PsF 23.976
2048 x 1080P 24
2048 x 1080PsF 24
2048 x 1080P 25
2048 x 1080PsF 25

Reference

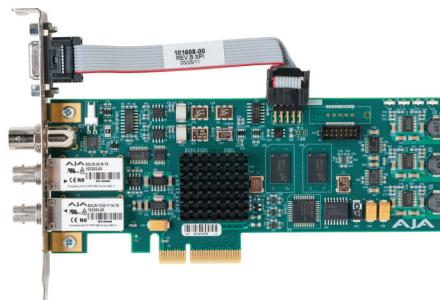
Analog Color Black
or HD Tri-level sync

CORVID 3G Fiber LP CARD CONNECTIVITY

Genlock/LTC In
3G/HD/SD-SDI ST Fiber In
3G/HD/SD-SDI ST Fiber Out



RS-422
Genlock/LTC In
3G/HD/SD-SDI ST Fiber In
3G/HD/SD-SDI ST Fiber Out



CORVID 3G Fiber 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

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