

Corvid 22

PCIe 4x Card for 8/10-bit Uncompressed
with 2 Independent Channels I/O
Digital 3G, HD, SD-SDI I/O



TWO INDEPENDENT CHANNELS OF RELIABLE AJA-QUALITY I/O

Corvid 22 is AJA's answer for independent 2-channel capture or playback of digital uncompressed audio and video I/O with separate LTC, metadata and RS-422 for each channel. Corvid 22 is compatible with Windows and Linux via our robust and proven SDK environments. Corvid 22 is built to the highest specifications offering true broadcast-level performance within your systems and applications. Each Corvid 22 board comes with a 5-pack of 1.0/2.3-to-BNC pigtail adapters. An optional breakout cable supports the LTC and RS-422 I/O.

- Major Features
- PCI Express 4 lane
 - 2 Channels 3G, HD-SDI or SD-SDI Input, 2 Channels 3G, HD-SDI or SD-SDI Output
 - All SD/HD/2Kx1080 Video Formats
 - 3G Input/Output for 1080p50/60 and Video/Key (dual-link not supported)
 - 8/10 Bit YCbCr and RGB frame buffer formats
 - 2 Mixer/Keyer widgets. This allows output of two simultaneous video/key pairs over 3G. It also allows for up to two simultaneous downstream keyers.
 - 2 Independent 16-ch 48khz SDI Embedded Audio I/O engines
 - Analog Color Black or HD Tri-Level Sync
 - 3-year warranty

ORDER INFORMATION

Z-OEM-CRV22-NC1 (no cable or bracket)
Z-OEM-CRV22-RO (comes with bracket, but no cable)
102953-00 — Corvid 22 Break-out Cable

MULTIPLE OS SUPPORT, COMMON API, ROBUST SDK

Corvid 22 is compatible with Windows 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:

- All Windows 7 platforms
- All Windows Vista platforms
- All Windows XP platforms
- Linux 32-bit
- Linux 64-bit



www.aja.com
530.274.2048
800.251.4224 US

SPECIFICATIONS

Corvid 22

PCI Express 4 lane

2 Video Inputs

Digital:
3G/HD/SD-SDI, SMPTE-259/292/296/424

2 Video Outputs

Digital:
3G/HD/SD-SDI, SMPTE-259/292/296/424

2 Audio Inputs

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

2 Audio Outputs

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

2 Independent LTC In/Out

2 Independent RS-422

Video Formats

SD:
525i 29.97
625i 25

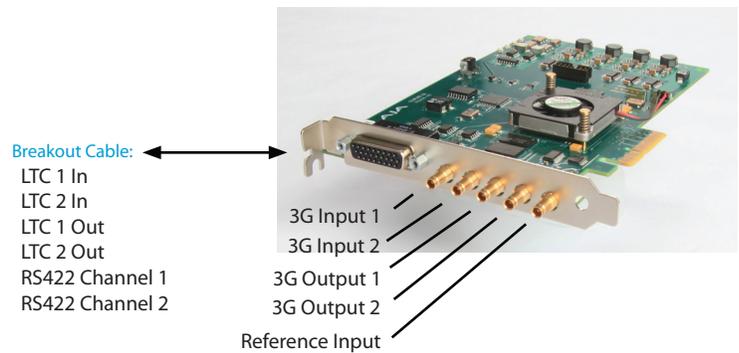
HD:
720p 50
720p 59.94
720p 60
1080i 25
1080i 29.97
1080i 30
1080PsF 23.98
1080PsF 24
1080PsF 25
1080PsF 29.97
1080PsF 30
1080P 23.98
1080P 24
1080P 25
1080P 29.97
1080P 30
1080P 50
1080P 59.94
1080P 60

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 22 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

Copyright ©2010 AJA Video Systems, Inc



VIDEO SYSTEMS

www.aja.com

530.274.2048

800.251.4224 US