



# Corvid 22

Get multiple I/O Channels without taking up a lot of space. Corvid 22 provides high performance, dual channel video and embedded 24-bit audio I/O in a single PCIe card. Two completely independent channels\* handle resolutions up to 2K and high frame rate 1080p as well. With separate LTC and RS-422 machine control per channel and support for multiple operating systems, Corvid 22 gives you all the performance and capabilities you need.

<https://www.aja.com/products/corvid22>

## Video Formats

- (2K) 2048 x 1080p 23.98, 24, 25
- (2K) 2048 x 1080PsF 23.98, 24, 25
- (HD) 1080p 23.98, 24, 25, 29.97, 30, 50 A/B, 59.94 A/B, 60 A/B
- (HD) 1080PsF 23.98, 24, 25, 29.97, 30
- (HD) 1080i 50, 59.94, 60
- (HD) 720p 50, 59.94, 60
- (SD) 625i 50
- (SD) 525i 59.94

## Video Input Digital

- 3G-SDI
- SMPTE-259/292/296/424

## Video Output Digital

- 3G-SDI
- SMPTE-259/292/296/424

## Audio Input Digital

- 16-channel 24-bit SDI embedded, 48 kHz synchronous

## Audio Output Digital

- 16-channel 24-bit SDI embedded, 48 kHz synchronous

## BNC

- 4x 3G-SDI (2x In, 2x Out)
  - Din 1.0/2.3

## Electrical Interface

- 4-lane PCIe

## Reference

- Analog Color Black or HD Tri-level sync

## Output Sitter

### (Timing / Alignment)

- (3G) .45 UI/.17 UI
- (HD) .21 UI/.08 UI
- (SD) .2 UI/.2 UI

## Timecode

- Independent LTC In/Out

## Machine Code

- Independent RS-422

## Size (w x d x h)

- 0.708" x 6.57" x 3.86" (17.99 x 166.88 x 98.05 mm)

## Weight

- 0.6 lbs (0.3 kg)

## Power

- 12w typical, 15w maximum

## Environment

- Safe Operating Temperature: 0 to 40 C (32 to 104 F)
- Safe Storage Temperature (Power OFF): -40 to 70 C (-40 to 158 F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)