

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

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Custom engineering
so your equipment works exactly as you specify.

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Corvid 24

4-lane PCIe 2.0 Card for 8 or 10-bit with a single 4K or 4 independent* channels I/O Digital 3G-SDI I/O



Corvid 24

Take the next step in multi-channel video and audio I/O with Corvid 24. Corvid 24 is the intermediate solution for high density I/O, supporting up to 4 independent* channels of capture or output, with separate LTC, embedded 24-bit audio, and metadata for each channel. Or all four connections can be used to support full 4K; the choice is yours. And with multiple operating system support, Corvid 24 will work in almost any environment.

** Channels must all have the same frame rate, video standard and frame geometry.*

Features at a Glance

- 4-lane PCIe 2.0 card
- 4 independent* channels 3G-SDI I/O
- All 4K/2K/HD/SD video formats
- 3G-SDI Input/Output for 1080p50/60 and Video/Key (Dual Link not supported)
- 8 or 10-bit YCbCr and RGB frame buffer formats
- Failover bypass relays with watchdog timers (2in/2out mode only)
- 2 Mixer/Keyer widgets. This allows output of two simultaneous video/key pairs over 3G-SDI. It also allows for up to two simultaneous downstream keyers.
- 4 independent 16-Ch 48 kHz SDI embedded audio I/O engines
- Analog Color Black or HD Tri-level Sync
- 3 year warranty

** Pricing is for US only. International pricing will vary. Please contact a local AJA Reseller for pricing details.*

Corvid 24 Tech Specs

Video Formats

- (4K) 4096 x 2160p 23.98, 24, 25
- (UltraHD) 3840 x 2160p 23.98, 24, 25
- (UltraHD) 3820 x 2160PsF 23.98, 24, 25
- (2K) 2048 x 1080p 23.98, 24, 25
- (2K) 2048 x 1080PsF 23.98, 24, 25
- (HD) 1080i 25, 29.97, 30
- (HD) 1080PsF 23.98, 24, 25, 29.97, 30
- (HD) 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (HD) 720p 50, 59.94, 60
- (SD) 525i 29.97
- (SD) 625i 25

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

Reference

- Analog Color Black or HD tri-level sync

Size (w x d x h)

- 0.708″ x 6.57″ x 3.86″ (18mm x 167mm x 98mm)

Power

- 12w typical, 15w maximum

Environment

- Safe Operating Temperature: 0 to 40 degrees C (32 to 104 degrees F)
- Safe Storage Temperature (Power OFF): -40 to 60 degrees C (-40 to 140 degrees F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)

Breakout Cable

- LTC 1 In
- LTC 2 In
- LTC 1 Out
- LTC 2 Out
- RS-422 Channel 1
- RS-422 Channel 2

Click here For full product specifications visit www.aja.com/en/products/developer/corvid24#techspecs

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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