



Product Catalog

February 2024

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KUMO

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Rugged, compact, and reliable, providing the bridge between baseband and IP video for a range of applications.

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SDI/optical fiber converters for the transport of 12G/3G/HD/SD-SDI or HDMI over distances up to 10km when using standard single mode or multi-mode fiber optic cable. FiDO models support video formats all the way up to 8K/UltraHD2, model dependent.

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openGear

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Corvid

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Proven video I/O devices available to AJA partners for development and support of integrated products with powerful SDK support.

Ki Pro®

A Versatile Digital VTR For Any Workflow

3 YEAR WARRANTY

Ki Pro® ULTRA 12G \$4,749

- 12G-SDI 4K/UltraHD/2K/HD recorder/player and multi-channel ProRes HD recorder
- Genlock free multi-channel recording
- Single channel recording up to 4K 60p
- Support for 8K VPID multi-unit playback
- Records and plays back up to ProRes 4444 XQ
- Records and plays back up to Avid DNxHR HQX
- HDR recording and playback
- 1x 12G-SDI and 3x 3G-SDI I/O
- HDMI 2.0 I/O
- SFP fiber cage I/O
- Analog audio I/O (DB-25 loom connectivity)
- Support for RP 188 timecode inputs on SDI
- Balanced XLR analog audio inputs, mic/line/48v switchable
- Front panel button controls with integrated HD resolution screen
- RS-422 control
- REST interface
- Optional rack mount shelf (KPU-SHELF)
- Easy to use web UI, configure and control from standard web browsers
- Stand-alone operation
- Three year warranty



AJA Pak Media

Available in 2TB, 1TB, 512GB and 256GB capacities

www.aja.com

Size (W x D x H): 219.46 x 268.60 x 84.08 mm

Ki Pro® GO \$4,749

- Multi-channel HD H.264 recording
- 5x USB recording media ports, compatible with off-the-shelf USB 3.2 Gen 1 media
- Recording to network (SMB) storage
- Redundant recording to user selectable destinations – USB or SMB
- Up to 25Mbps bit rate
- Playback files externally created in DaVinci Resolve, Avid Media Composer, Apple Final Cut Pro, and Adobe Premiere Pro
- Network file download
- Enhanced Super Out
- Front panel audio monitoring
- LTC on analog audio input
- Drive formatting
- Genlock free inputs
- HDMI and SDI multi-channel matrix monitoring
- Support for RP 188 timecode inputs on SDI
- Balanced XLR analog audio inputs, mic/line/48v switchable
- Front panel button controls with integrated HD resolution screen
- Optional rackmount shelf (KPU-SHELF)
- Easy to use web UI, configure and control from standard web browsers
- Stand-alone operation
- Three year warranty



Size (W x D x H): 219.46 x 268.60 x 84.08 mm

Ki Pro[®] | Rack \$3,189



AJA KiStor Media
Available in 1TB and 512GB SSD capacities

Size (W x D x H): 219.46 x 268.60 x 44.45 mm

Ki Pro Rack

- HD/SD recorder and player
- Record to Apple ProRes or Avid DNxHD
- SDI, HDMI, and Component Video I/O
- AES (BNC) and analog (XLR) audio I/O
- 2x KiStor media bays with Ki Protect
- Up, down, cross-conversion built-in
- Easy to use web UI, configure and control from standard web browsers
- REF, LTC, and RS-422 support
- Three year warranty



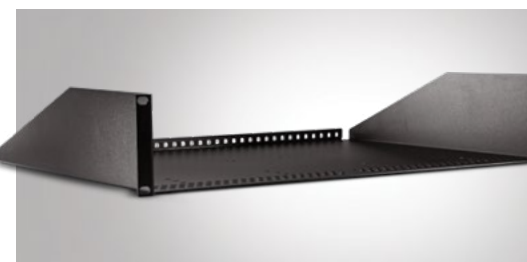
PAK Media

PAK Media is a high capacity solid state drive encased in a protective housing with a rugged connection engineered to handle the rigors of repeated use in the field. Available in 2TB, 1TB, 512GB and 256GB capacities. Designed for use with Ki Pro Ultra 12G.



PAK Dock Pro

External Dock for PAK Media with USB-C connection for fast transfer of media to a host computer. PAK Dock Pro is bus-powered, meaning that a single USB-C cable enables file transfer and also powers the unit.



Ki Pro Shelf

Ki Pro Ultra Plus, Ki Pro Ultra 12G, Ki Pro Ultra, and Ki Pro GO feature a small footprint for desktop use or can be mounted side by side using the additional KPU-Shelf for rackmount applications.



KiStor Media

KiStor Media is a high capacity solid state drive encased in a protective housing with a rugged connection engineered to handle the rigors of repeated use in the field. Available in 1TB and 512GB capacities. Designed for use with Ki Pro Rack.



Reliable Storage Media

Ki Pro Ultra 12G and Ki Pro Rack include Ki Protect, a feature that helps to ensure data integrity if a media drive is accidentally removed or loses power during recording.

The only loss that should be incurred is the last few frames that were in transit to the media drive to be recorded when the operation was interrupted, providing greater peace of mind on set and in the studio.



1RU Shelf for ColorBox and HELO Products

ColorBox and HELO Plus feature a small footprint for desktop use or can be mounted side by side using the additional 1RU Utility Rack for rackmount applications.

BRIDGE | NDI® 3G

3 YEAR
WARRANTY

High Density HD and 4K/UltraHD Conversion Gateway for SDI to NDI and NDI to SDI **\$14,299**

BRIDGE NDI 3G is a 1RU gateway offering high density conversion to and from 3G-SDI to NDI and NDI to 3G-SDI for both HD and 4K/UltraHD. Designed to drop into any existing NDI or SDI workflow as a plug and play appliance, easy to deploy and administer.

BRIDGE NDI 3G brings immense conversion power and flexibility, fully controllable remotely for AV use, security and surveillance, broadcast, eSports, entertainment venues, and a wide range of other facilities needing high quality, efficient NDI encode and decode. Set and forget, or use more dynamically as project needs dictate.

BRIDGE NDI 3G

- 3G-SDI I/O supports 16-channels of HD or 4-channels of 4K/UltraHD up to 60p as standard*
- Bidirectional encode/decode SDI to NDI, NDI to SDI, with a combination of HD or 4K/UltraHD video
- Confidence monitoring
- Supports both NDI 5 and NDI 4
- Discovery Server Compatible
- Buffer controls for low latency tuning
- Selectable NDI encode profiles for 8-bit and 16-bit, 4:2:2
- Video and Key support
- Progressive and Interlaced video support
- Timecode support across VITC1, VITC2, LTC and Time-of-Day
- Remote WebUI or local GUI for easy administration, control, and operation



16x 3G-SDI Bidirectional I/O for up to 16-Channels of HD or 4-Channels of 4K/UltraHD with Dual 10 GigE Ethernet

Size (W x D x H): 436.88 x 429.26 x 43.18 mm

Hardware

BRIDGE NDI 3G is housed in a compact 1RU chassis and yet offers high density I/O with 16 bidirectional 3G-SDI connectors as compact DIN 1.0/2.3 spigots for all baseband video inputs and outputs.

Included with BRIDGE NDI 3G are 18x DIN 1.0/2.3 to BNC connectors to make installation into an existing SDI infrastructure easy. BRIDGE NDI 3G boasts dual 10 GigE for control and all NDI I/O, providing support for up to 16-channels of incoming or outgoing NDI streams.

Dual power supplies offer full redundancy.

Video and Audio Support

SDI I/O BRIDGE NDI 3G supports YCbCr, 4:2:2 10-bit video with up to 16 embedded channels of audio, up to HD and 4K/UltraHD 60p. 4K/UltraHD SDI I/O supports either Square Division or 2SI.

NDI I/O BRIDGE NDI 3G supports UYVY, 4:2:2, 8-bit, with P216, 4:2:2, 16-bit (support for output only), again with up to 16 embedded channels of audio, again up to HD and 4K/UltraHD 60p.

SDI Outputs can Freerun or use an External Reference for timing. System wide audio default can be set for 2, 8, or 16-channels of audio across SDI and NDI I/O.

*Ultimate performance based on network conditions, concurrent video processing, and other parameters.

Remote or Local Control

BRIDGE NDI 3G can be controlled locally using a mouse and keyboard with the appropriate VGA-capable monitor.

All functionality of BRIDGE NDI 3G is also accessible remotely, allowing easy control via the same intuitive UI.

REST API

Likewise, BRIDGE NDI 3G can be remotely controlled via REST API. The REST API UI can be launched via web browser, and is self documenting.

Operational Flexibility

Use either NDI 4 or NDI 5.

Compatible with external NDI discovery server.

Buffer settings for tuning latency to your network.

HD I/O: All HD channels can be used to encode from SDI to NDI, or decode from NDI to SDI.

HD Video and Key I/O: HD channels can be allocated into V+K groups.

4K/UltraHD I/O: HD channels can also be placed into 4K/UltraHD groups.

Simultaneous Encoding and Decoding.

BRIDGE | LIVE

3 YEAR
WARRANTY

Multi-Channel Live Video for REMI, Contribution, Collaboration, Streaming, and Delivery **\$15,999**

BRIDGE LIVE is a broadcast quality, low latency turnkey system for REMI, Synchronous Multi-Channel Video Contribution, Remote Collaboration, Direct to Audience Streaming, and Multi Bit-Rate/Format Delivery.

Equipped with 12G-SDI I/O plus the power and flexibility to enable real time bidirectional encoding, decoding, and transcoding, BRIDGE LIVE is an essential part of any modern live video production toolkit. A compact and robust 1RU form factor with redundant power supplies and a three year warranty means peace of mind whether facilitating remote production, two-way interviews, live event streaming, synchronous multi-cam backhaul with HDR, cloud contribution, program return, confidence monitoring, collaborative production, ABR ladder profiles to hand off for OTT packaging, or pure IP transcoding, BRIDGE LIVE ensures simultaneous, secure and stable workflows, whether over private lines or the public internet.

SRTALLIANCE
SECURE RELIABLE TRANSPORT

BRIDGE LIVE

- 12G-SDI/3G-SDI I/O supports Multi-Channel HD or UltraHD as standard
- Bidirectional Encode/Decode/Transcode: NDI, H.265 (HEVC), H.264 (AVC, MPEG-4), H.262 (MPEG-2), JPEG 2000 (TR-01), and JPEG XS (TR-07)
- Synchronous Multi-Channel / Multi-System Transport for SDI backhaul or Cloud Delivery
- Protocols: SRT, UDP, HLS, RTP, RTMP, RTMPS output, MPTS input
- Transports: MPEG-TS, NDI, AVC-TS, Fragmented MP4
- Multi bit rate/format content distribution, ABR Ladder Profiles for OTT hand off
- Selectable profiles for 12-bit, 10-bit and 8-bit, 4:2:2 and 4:2:0, depending on the codec
- Unmatched Metadata capabilities, including MPEG-2 ANC, SMPTE 2038, Ad insertion markers (SCTE-35/SCTE-104), CC/Subtitles (EIA-608/708, Line 21, H.264 SEI)
- HDR/SDR from SDI source to SDI destination in BRIDGE LIVE end-to-end configurations



4x 12G-SDI Bidirectional I/O for Multi-Channel HD or UltraHD Workflows with Dual 10 GigE Ethernet

Size (W x D x H): 436.88 x 429.26 x 43.18 mm

REMI and Remote Contribution

BRIDGE LIVE can take independent SDI source inputs and maintain their synchronous relationship while transporting the content to end-point destinations.

This functionality can take place between multiple BRIDGE LIVE units for a synchronous end-to-end SDI workflow, often referred to as SDI backhaul, or site-to-site SDI workflows.

BRIDGE LIVE's synchronous multi-channel capability is also supported for cloud contribution, whereby a BRIDGE LIVE system can send to and receive from a cloud instance of Comprimato Live transcoder software for delivery to and from various platforms.

Collaboration

BRIDGE LIVE can be used to provide multiple collaborative workflows.

For Post, BRIDGE LIVE enables connecting remote artists and clients using reference quality video.

For Production, BRIDGE LIVE offers the flexibility to tap video from on-set recording devices and stream the output of cameras (over a secure private line with encryption), providing a high quality window into production for those who cannot be on-set. For Broadcast/AV/Live Events, BRIDGE LIVE can be used to connect two geographically separated NDI or SDI production teams via Public Internet.

The bidirectional capability enables confidence monitoring from a return feed to ensure signal health.

Streaming

BRIDGE LIVE offers a comprehensive platform for direct-to-audience live video. Streaming support includes SRT, RTMP/S, RTP/UDP, HLS, and MPEG-TS. Using these standard protocols provides wide support for streaming via CDN services such as AWS, Wowza, Twitch, Akamai, YouTube Live, and Facebook Live. BRIDGE LIVE expands upon the tried and tested approach of AJA's HELO streaming device by including flexibility for multiple inputs, supporting multiple bidirectional streams at the same time, broad format and bit rate support, and pure IP workflows.

Delivery

BRIDGE LIVE facilitates primary distribution of finished and mastered content to partners for subsequent streaming to audiences and/or for ingest, storage, and archival.

BRIDGE LIVE can provide primary streams, plus HLS or other ABR ladder profiles for hand off for OTT packaging. For example, encoding to H.264 or H.265 for hand off with ABR ladder profiles, including pointing the ladder profile directly to a local packager or CDN.

BRIDGE LIVE can also deliver content to third party cloud or on-prem ecosystems such as those offered by NetInsight, MediaLinks, and Evertz.

HELO Plus Advanced H.264 Streaming and Recording \$1,869

3 YEAR WARRANTY

HELO Plus is a compact, advanced H.264 streaming and recording stand-alone appliance. HELO Plus offers both SDI and HDMI I/O with the capability to stream up to 1080p60 to a Content Delivery Network and record simultaneously. Two separate streaming destinations can be set up, and recordings can be made to a combination of SD card, USB storage, and NFS or SMB network storage. HELO Plus also provides Picture-In-Picture and graphics functionality in hardware for compelling presentations made simple.



Size (W x D x H): 215.9 x 139.7 x 25.91 mm



Hardware

HELO Plus has stream and record buttons on the front of the unit with LED indicators for audio levels. HELO Plus is fanless and silent. SD card and USB ports are also situated on the front of the unit for easy access.



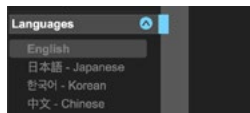
Dual Streaming Outputs Plus Record

HELO Plus has dual encoders for streaming outputs, giving the flexibility to create different output settings from a single input source. Either of these encoder outputs can serve as the source for the HELO Plus recording system as well.



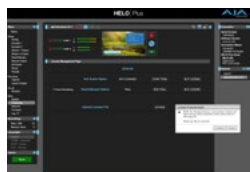
Layouts for Picture-in-Picture

HELO Plus allows multiple inputs to be combined into a single screen with a graphic element overlay. The layout UI enables the user to combine the SDI input and the HDMI input into a single output stream and then add a graphic (video + key) into a composite.



Multi-Language UI

The language used in the HELO Plus WebUI can be selected between English, Japanese, Korean and Chinese.



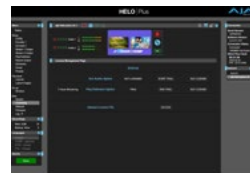
4-Channel Audio Option

With an optional license, HELO Plus can expand the number of audio channels available for streaming and recording from two channels (a single stereo pair) to four channels (two stereo pairs). This enables multiple dual language workflows, as different languages can now be carried on each stereo pair. This option gives the user the ability to extract a stereo audio service from any of the four stereo pairs that may be embedded into an SDI signal and use them in either of HELO Plus's audio sources for both streaming and recording.



PlayToStream Option

PlayToStream allows the user to stream – via either or both of the Stream Outputs – a previous program that was recorded on either a HELO Plus or HELO system, stored either on local SD or USB storage or on external SMB or NAS systems.



Trial Licenses for All Options

HELO Plus offers users the ability to “try out” any available option for up to 15 hours within 15 days of starting a trial.



Group Mode

HELO Plus can participate in a Ki Pro Group, enabling multiple REMI workflows. When in Group mode, starting a recording on a Ki Pro Group will simultaneously start streaming, recording or both on the HELO Plus.



Web Server Built-In

HELO Plus can be easily configured remotely on a standard web browser, via the Ethernet connection, and using a desktop or laptop computer. Every function of HELO Plus is accessible in the WebUI, with multiple HELO Plus devices being easily controllable via a tabbed browser window.



Scheduler and Automation Control

HELO Plus offers a scheduler that triggers pre-planned start and stop recording and streaming media simplifying projects requiring definitive schedules.

Dante AV | 4K-T and 4K-R

5 YEAR WARRANTY

Add Cinema Quality IP Video to your Dante Network \$2495 each

The AJA Dante AV 4K-T and Dante AV 4K-R encode and decode video and audio streams to and from the Dante AV Ultra JPEG 2000 IP video codec, simplifying IP AV signal delivery. Building on years of robust IP audio networks, AJA Dante AV encoders and decoders enable an easy path to upgrade your existing Dante audio network to deliver high quality visually lossless video up to 4K/UltraHD for delivery across 1 GbE networks. The Dante AV 4K-R now features HDR and reference support for integration with professional broadcast workflows.

Dante AV 4K-T



Size (W x D x H): 222.0 x 180.09 x 41.91 mm

Dante AV

Dante AV 4K-T transmitters and Dante AV 4K-R receivers convert 12G-SDI and HDMI 2.0 to and from the Dante AV Ultra ecosystem, with bandwidth friendly 1 GbE compatibility and high quality JPEG 2000 support up to 4K 60p HDR for ultra-low latency, synchronized IP video and audio for live events, education, HOW, broadcast workflows and more.

www.aja.com

AJA and Dante AV Ecosystem

Dante AV is an area of fast growth built on the tested Dante IP audio network, with many partners offering a range of Dante AV products from, PTZ cameras to cinema quality solutions. With additional products from AJA, such as the OG-DANTE-12GAM Dante audio converter, HELO Plus streaming device, Ki Pro recorders, FS frame syncs, ColorBox, and more, users have the ability to create a robust IP video and audio solution combined with inline SDI solutions for a wide range of workflows.

Dante AV 4K-T

- Dante AV Ultra Transmitter (JPEG 2000)
- 4K/UltraHD/2K/HD/VESA
- HDR Support
- 12G-SDI and HDMI 2.0 In
- 1 GbE POE+ IP
- Compatible with Audinate Dante Controller and Dante Domain Manager software for routing Video, Audio, KVM, VISCA, and IR

Dante AV 4K-R

Dante AV 4K-R

- Dante AV Ultra Receiver (JPEG 2000)
- 4K/UltraHD/HD/VESA
- HDR Support
- 12G-SDI and HDMI 2.0 Out
- 1 GbE POE+ IP
- Reference Input for external Gen Lock support
- Compatible with Audinate Dante Controller and Dante Domain Manager software for routing Video, Audio, KVM, VISCA, and IR



Size (W x D x H): 222.0 x 180.09 x 41.91 mm

Crop/Scale Function

The AJA Dante AV 4K-R now includes helpful crop and resizing functionality. Full 4K (4096x2160) can be cropped to UltraHD, 2K cropped to HD, and UltraHD downscaled to HD.



Rackmounting

For rackmounting, the AJA IOX-RM rackmount shelf accessory is available for \$120 US MSRP and can hold two Dante AV units on one shelf.



lo® Powerful and Flexible Professional I/O

3 YEAR WARRANTY

lo® | X3 \$1,759



Size (W x D x H): 222.0 x 180.09 x 41.91 mm

lo X3



- SD/HD/2K I/O up to 50/60p
- 4x bidirectional 3G-SDI BNC with 16-channel embedded audio
- HDMI I/O with 8-channel embedded audio
- Two Thunderbolt 3 ports with loop through
- Multi-channel workflow support for OBS/Wirecast/vMix and other applications
- RGB 4:4:4 12-bit up to p30, YCbCr 4:2:2 10-bit and HFR workflows supported
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG, HDR10, HDR 10+, and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Multiview output over HDMI, to view up to 4-channels on one screen
- Analog audio flexibility with a choice of 8-channel In or 8-channel Out or 4-channel In and 4-channel out via a standard Tascam connection
- Front panel audio display
- Includes support for the Apple Silicon chips
- XLR 12V power for battery or AC use
- Headphone jack and level control for mobile and live environments
- RS-422 VTR control, Reference, LTC Input, and LTC Output

HDR



lo® | 4K Plus \$3,299



Size (W x D x H): 222.0 x 206.0 x 41.9 mm

lo 4K Plus



- 4K/UltraHD/2K/HD/SD 10-bit I/O up to 50/60p
- 4K/UltraHD HDMI 2.0 I/O with 8-channel embedded audio
- 4x SDI BNC ports and configuration options
- Four HD/SD 3G/1.5G bidirectional
 - One 4K/UltraHD single link 12G/6G input (SDI 1) and one 4K/UltraHD single link 12G/6G output (SDI 3)
 - Two 4K/UltraHD dual link 3G/1.5G (one input channel & one output channel, two input channels, or two output channels)
 - One 4K/UltraHD four-link 3G/1.5G input or output, Quadrant or 2SI
- Dedicated SDI HD/SD Monitor Output
 - 4K video is down-converted to 2K and UltraHD is down-converted to HD
- Two Thunderbolt 3 ports with loop through
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR workflows supported
- 12-bit and 10-bit LUT support (.cube)
- 4K Closed Caption support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG, HDR10, HDR 10+ and Dolby Vision support
- HDR Metadata Capture and Auto Playback Detection
- Analog Audio flexibility with a choice of 8-channel In or 8-channel Out or 4-channel In and 4-channel out
- Includes support for the Apple Silicon chips
- Compatible with OBS Studio, vMix, Telestream Wirecast, Adobe Creative Suite, Apple Final Cut Pro, Avid Media Composer, and much more
- XLR 12V power for battery or AC use
- Headphone jack and level control for mobile and live environments
- RS-422 VTR control, Reference, LTC Input

HDR



Io[®] Powerful and Flexible Professional I/O

3^{YEAR}
WARRANTY

Io[®] | Software Compatibility

Io products are cross-platform and compatible with a wide range of professional macOS[®] and Windows[®] software applications.

AJA drivers and plug-ins create a seamless integration between the native software and AJA's high quality hardware that lets you focus on the work, not the technology.

View our software compatibility chart for the following categories:

Audio | Color | Dailies | Editorial | Effects | Graphics | Ingest/Playout | Restoration
Streaming/Live Production | Test/Measure

[View Compatibility Chart](#)



KONA®

Next Generation Video I/O with Streaming DMA

3 YEAR WARRANTY

KONA® | X \$3,695

Designed from the ground up to support next-generation AI and AR workflows, KONA X is a 4-lane, PCIe video I/O card with dual, full-size, bidirectional 12G-SDI BNC connections and two full-size HDMI 2.0 connections, one for input and one for output. KONA X lets users achieve up to sub-frame latencies with Streaming DMA (Direct Memory Access), which enables powerful real-time workflows with no perceptible delay on I/O and processing, crucial for implementations such as live sports graphics and virtual production.

Supporting 4K/UltraHD, 2K/HD, SD, 10-bit 4:2:2 and 12-bit 4:4:4 color depth for exceptional image quality, KONA X promises the flexibility to ingest and output with 12G-SDI and full-size HDMI 2.0 ports. The bidirectional 12G-SDI ports allow for capture and simultaneous pass-through, and with the appropriate software, multi-channel capture and streaming.

KONA X supports leading content creation applications, such as Adobe® Premiere® Pro, Apple® Final Cut Pro, Avid Media Composer®, FilmLight, OBS Studio, vMix and much more. KONA X is also compatible with AJA's multi-platform SDK for Developers.

For HDR* workflows, KONA X supports HDR10+, HLG, PQ, and Dolby Vision for rich color delivery over SDI and/or HDMI. KONA X has the horsepower for your work today and into the future.

**Application dependent*

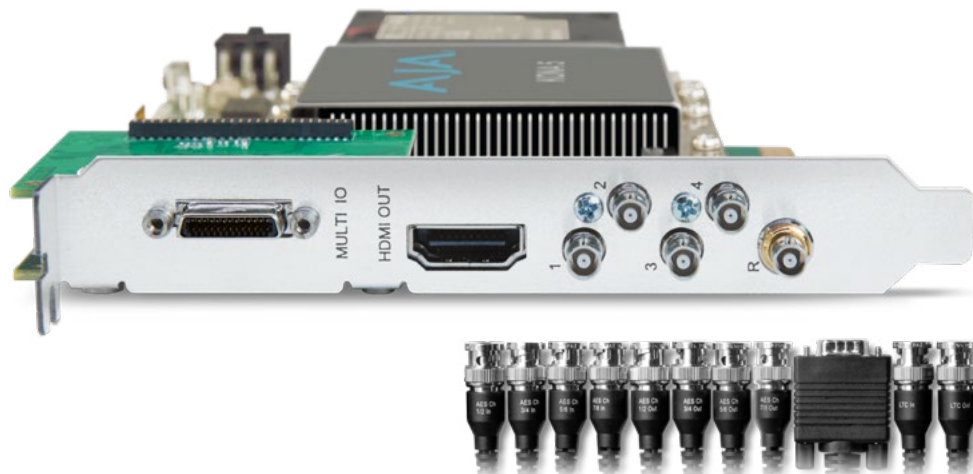
KONA X

- 4K/UltraHD/2K/HD/SD up to 50/60p
- 2x bidirectional 12G-SDI connections with up to 16-channels embedded audio
- HDMI 2.0 input and output with up to 8-channels of embedded audio
- RGB 4:4:4 12-bit (4K/UltraHD) workflows supported
- YCbCr 4:2:2 10-bit and HFR workflows supported
- VESA HDMI I/O compatibility - the video subsystem timing is agnostic, enabling capture and playback of a myriad of HDMI formats
- Support for Apple Final Cut Pro, Adobe Premiere Pro, and Avid Media Composer and much more
- Support for OEM applications with the AJA SDK
- In Firmware Microcontroller
- 4K Closed Caption Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry, and Luminance via SDI
- PQ, HLG, HDR10, HDR10+ and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Includes support for the latest Apple silicon
- Optional KONA Xpand board provides easy access to bi-level / tri-level Video Reference (BNC), LTC in/out, 8-ch AES/EBU audio (all with included breakout cable), and 2-ch analog audio in and out via user supplied cable
- Three year warranty



Optional KONA Xpand and breakout cables

KONA® | 5 \$4,069



Supplied Breakout Cables

KONA 5

- 8K/UltraHD2/4K/UltraHD/2K/HD/SD up to 50/60p
- 4x bidirectional 12G-SDI connections with 16-channel embedded audio
- HDMI 2.0 output, 4K/UltraHD HFR, plus 8K to 4K downsampling
- RGB 4:4:4 12-bit (4K/UltraHD) workflows supported
- YCbCr 4:2:2 10-bit and HFR workflows supported
- Up to 12-bit LUT support (.cube)
- 8K support for Apple Final Cut Pro, Adobe Premiere Pro and Avid Media Composer, 8K or multi-channel 4K support for OEM applications with AJA SDK
- Multi-channel support with OBS Studio, vMix and Telestream Wirecast
- 4K Closed Captioning Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG, HDR10, HDR10+, and Dolby Vision Support
- Includes support for the Apple M1 chip
- HDR Metadata Capture and Auto Playback Detection
- Reference Input on card (Analog black burst or Tri-level)
- Included breakout cable for LTC, RS-422, 8-ch AES/EBU
- Three year warranty

HDR



KONA® | 4 \$2,495



K3G-BOX

\$715

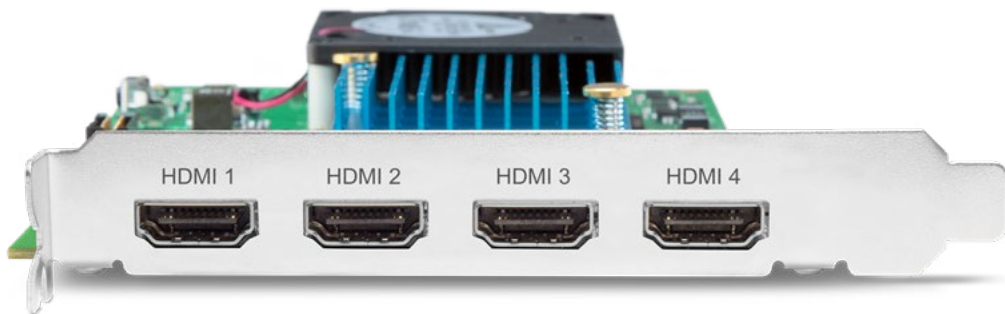
KONA 4

- 4K/UltraHD/2K/HD/SD up to 50/60p
- 4x bidirectional 3G-SDI connections with 16-channel embedded audio
- HDMI 1.4b monitoring with 8-channel embedded audio
- RGB 4:4:4 12-bit, and YCbCr 4:2:2 10-bit HFR workflows supported
- 10-bit LUT support (.cube)
- Real time up, down, cross-conversion (HD/SD)
- 4K Closed Captioning support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG, HDR10, HDR10+, and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Includes support for the Apple M1 chip
- Compatible with OBS Studio, vMix, Telestream Wirecast, Adobe Creative Suite, Apple FCP, Avid Media Composer, and much more.
- Included breakout cable for Ref (Analog or Tri-level), LTC, RS-422, 8-ch AES/EBU
- Extend external connectivity with K3G-BOX breakout box
- Three year warranty

HDR



KONA® | HDMI \$1,649



KONA HDMI

- 4K/UltraHD/2K/HD/SD up to 50/60p
- 4x full-size HDMI inputs each with 8-channel embedded audio
- Simultaneous capture of 2x 4K/UltraHD or 4x 2K/HD
- HDMI 2.0 (ports 1&2) and HDMI 1.4b (ports 3&4)
- RGB 4:4:4 12-bit, and YCbCr 4:2:2 10-bit HFR workflows supported
- Capture stunning HDR from cameras, game consoles, and more
- PQ, HLG, HDR10, HDR10+, and Dolby Vision Support
- HDR Metadata Capture
- Video4Linux (V4L2 Color) and DirectShow support
- Compatible with apps from Adobe, Avid, OBS Project, and Telestream
- Includes support for the Apple M1 chip
- Three year warranty

HDR



KONA® | 1 \$825



KONA 1

- 2K/HD/SD up to 50/60p
- 2x 3G-SDI connections (In, Out) with 16-channel embedded audio
- RGB 4:4:4 12-bit and YCbCr 4:2:2 10-bit HFR workflows supported
- 10-bit LUT support (.cube)
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- RS-422 support on 9-pin external connector
- Low profile form factor also available with internal RS-422 header
- Reference/LTC Input on card (Analog black burst or Tri-level)
- Compatible with apps from Adobe, Avid, Apple, OBS Project, and Telestream
- Includes support for the Apple M1 chip
- Three year warranty



KONA® | LHi \$1,879



KONA LHi

- 2K/HD/SD up to 50/60p
- 2x 3G-SDI spigots (In, Out) with 8-channel embedded audio
- 2x HDMI 1.3 ports (In, Out) with 8-channel embedded audio
- YCbCr 4:2:2 10-bit and HD HFR workflows supported
- 10-bit LUT support (.cube)
- Real time up, down and cross-conversion for HD and SD with pristine 10-bit quality
- Compatible with leading creative apps
- Includes support for the Apple M1 chip
- Supports AES and Analog Audio I/O for Telecast Wirestream
- Included breakout cable for Ref (Analog or Tri-level), RS-422, 2-ch AES/EBU, Analog composite or S-video, or SD/HD component
- Extend external connectivity with KLHi-BOX breakout box
- Three year warranty



KLHi-BOX

\$659

KONA® | LHe Plus \$1,319



KONA LHe Plus

- HD-SDI and SD-SDI up to 1080 30p / 720 60p
- 3x 1.5G-SDI spigots (1x In, 2x Out) with 8-channel embedded audio
- YCbCr 4:2:2 10-bit workflows supported
- Real time HD to SD down-conversion with pristine 10-bit quality
- Compatible with leading creative apps
- Includes support for the new Apple M1 chip
- Supports AES and Analog Audio I/O for Telecast Wirecast
- Included breakout cable for Ref (Analog Color Black or Composite Sync), RS-422, 2-ch AES/EBU, Analog composite or S-video, or SD/HD component, 2-ch analog audio I/O
- Extend external connectivity with KL-BOX-LH breakout box
- Three year warranty



KL-BOX-LH

\$659

KONA® | Software Compatibility

KONA cards are cross-platform and compatible with a wide range of professional macOS®, Windows®, and Linux® software applications.

AJA hardware is compatible with a wide range of professional software applications on macOS, Windows, and Linux. AJA drivers and software create a seamless integration between best of class creative tools and AJA's high quality hardware that lets you focus on the work, not the technology.

View our software compatibility chart for the following categories:

Audio | Color | Dailies/Archiving | Editorial | Effects | Graphics/Virtual | Ingest/Playout | Restoration
SDI / IP Bridging | Streaming/Live Production | Test/Measure | VJ / Live Video Performance | Video Assist

[View Compatibility Chart](#)



U-TAP

USB 3.0 Powered 3G-SDI and HDMI Capture

3 YEAR WARRANTY

U-TAP | SDI \$439



Size (W x D x H): 104.14 x 60.96 x 25.4 mm

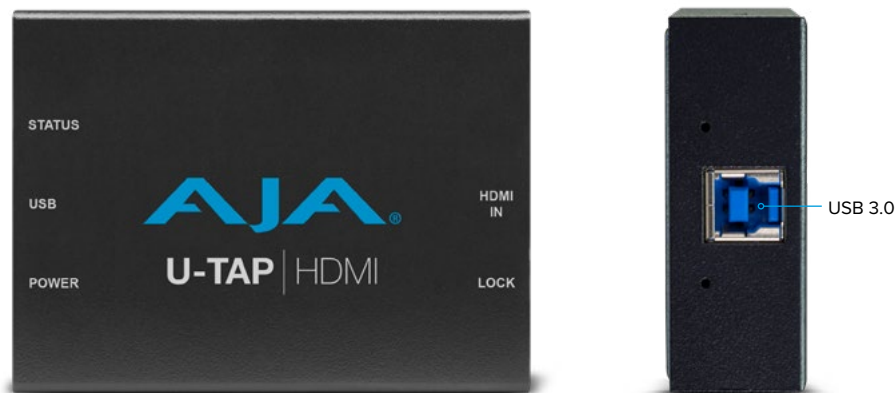
U-TAP SDI

- HD/SD Capture up to 1080 60p over USB
- 1x 3G-SDI BNC with 2-channel embedded audio
- 1x 3G-SDI SDI loop-out
- 1x USB 3.0 (USB 3.2, Gen 1) connector
- YCbCr 4:2:2 10-bit workflows supported
- HD/SD and scaled (USB) raster support
- Configurable behavior upon loss of input signal
- UVC/UAC capture, no third party driver required
- Compact, silent and pocketable
- Bus-powered, no power adapter required
- macOS, Windows, and Linux supported
- Universal application compatibility
- Three year warranty

[View Compatibility Chart](#)



U-TAP | HDMI \$439



Size (W x D x H): 83.82 x 60.96 x 25.4 mm

U-TAP HDMI

- HD/SD Capture up to 1080 60p over USB
- 1x HDMI 1.4a with 2-channel embedded audio
- 1x USB 3.0 (USB 3.2, Gen 1) connector
- YCbCr 4:2:2 10-bit workflows supported
- RGB 4:4:4 / YCbCr 4:4:4 10/12-bit (raster / frame rate dependent)
- HD/SD and scaled (USB) raster support
- Configurable behavior upon loss of input signal
- UVC/UAC capture, no third-party driver required
- Compact, silent and pocketable
- Bus-powered, no power adapter required
- macOS, Windows, and Linux supported
- Universal application compatibility
- Three year warranty

[View Compatibility Chart](#)



T-TAP[®] Thunderbolt™ Powered SDI and HDMI Output

3 YEAR WARRANTY

T-TAP[®] | Pro \$1,099



Size (W x D x H): 127.0 x 127.0 x 25.4 mm

T-TAP Pro



- 4K/UltraHD/2K/HD/SD Output/Monitoring up to 50/60p
- 1x 12G-SDI BNC with 16-channel embedded audio
- 1x HDMI 2.0 with 8-channel embedded audio
- 1x Thunderbolt 3 connector
- Compact, silent, mobile form-factor with front panel Audio Levels Meter
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR workflows supported
- 12-bit and 10-bit LUT support (.cube)
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG, HDR10, HDR 10+, and Dolby Vision supported
- Compatible with OBS Studio, Telestream Wirecast, Adobe Creative Suite, Apple FCP, Avid Media Composer, and many more
- Includes support for the new Apple M1 chip
- Headphone jack and quick access audio level control for mobile environment
- Three year warranty

[View Compatibility Chart](#)



ColorBox In-Line Color and HDR/SDR Transform

3 YEAR
WARRANTY

12G-SDI and HDMI 2.0, AJA Color, Colorfront, ORION-CONVERT, BBC HLG LUTs, NBCU LUTs **\$1,995**

ColorBox is a compact, ultra low latency, high performance solution for color managed workflows designed to specifically meet the color conversion needs of broadcast, live events, on-set applications, and post. Supporting Standard Dynamic Range (SDR), High Dynamic Range (HDR), and Wide Color Gamut (WCG) signals, it utilizes 12G-SDI and HDMI 2.0 for single wire 4K/UltraHD HDR up to 4:2:2 10-bit 60p or 4:4:4 12-bit 30p with a unique color processing pipeline.

Built around a 33-point 3D LUT processor with tetrahedral interpolation, ColorBox's AJA Color Pipeline provides an additional four 1D LUTs and two 3x3 matrices, each individually configurable even as Proc Amps or RGB color correctors for unparalleled control over your color conversion.



Size (W x D x H): 104.1 x 191.6 x 42.1 mm

ColorBox

- 12-bit 4:4:4 12G-SDI I/O for up to 4K/UltraHD HDR/WCG 30p
- 10-bit 4:2:2 12G-SDI I/O for up to 4K/UltraHD HDR/WCG 60p
- 12-bit 4:4:4 HDMI 2.0 output for up to 4K/UltraHD HDR/WCG 30p
- 10-bit 4:2:2 HDMI 2.0 output for up to 4K/UltraHD HDR/WCG 60p
- Ultra low latency, less than half a video line
- Extensive AJA Color Pipeline processing in 12-bit RGB, built around the 33pt. 3D LUT processor with tetrahedral interpolation:
 - 7x nodes plus Overlay
 - 1x 3D LUT, user configurable as 3D LUT or Dynamic
 - 4x 1D LUT, user configurable as 1D LUT, Dynamic, or Color Corrector
 - 2x 3x3 Matrices, user configurable as 3x3 Matrix, Dynamic, or Proc Amp
 - Full frame LUT processing
- Five Color Processing Pipelines
 - AJA Color
 - Colorfront (Free and Licensable options)
 - ORION-CONVERT (Licensable option)
 - BBC HLG LUTs (Licensable option)
 - NBCU LUTs
- Built-in Frame Store
 - Test Pattern Generator up to 4K/UltraHD, 14x test patterns built-in
 - Up to 4K/UltraHD frame capture and recall
- Overlay information and images on output
- Extensive API for third party control integrations
- Embedded web server for remote control

Pipelines

ColorBox comes with a range of Pipelines to choose from. Select any particular Pipeline for your production needs. Some Pipelines are designed specifically for live broadcast or live event needs. Others, like the AJA Color Pipeline (ACP), offer great flexibility for more control over each step of a transform for any application. Some Colorfront algorithmic transforms and NBCU LUT pipelines are also built-in and come for free. Licensable pipelines like Colorfront, ORION-CONVERT, or BBC HLG LUTs will display a watermark over the image until a license is applied, offering you the ability to evaluate the color science prior to purchasing the optional licenses.

Live Television and Concerts

4K/UltraHD SDR and HDR pipelines for live television and concert production. OB trucks and other live event infrastructure can easily use ColorBox to convert SDR signals to HDR and HDR to other delivery formats. The licensable Colorfront, ORION-CONVERT, and BBC HLG LUT options, as well as the free built-in Colorfront transforms, and NBCU LUTs provide all the necessary tools to manage HDR workflows. For hardware based control, Skaarhoj and Cyanview have integrated native control of ColorBox.

On-Set Look Management

On-set look management and color grading for DITs or anyone in charge of ensuring that the content captured on-set will meet the needs of the Cinematographer, Director of Photography, colorist, costume and lighting designers, and editors on the production. A DIT can easily manage workflows to load multiple looks, make adjustments as needed, and save up to 4K reference images for dailies, postproduction, and later use. Pomfort's Livegrade Pro and Studio, Assimilate Live Looks and Live Assist, and QTAKE Video Assist software integrate easily, offering native control of ColorBox in real time. The unique processing capability of ColorBox eliminates partial frame LUT processing.

Compact Form Factor

ColorBox is just 4 inches x 7.5 inches, requiring a small footprint on your desktop, or you can rackmount up to four ColorBox devices in just 1RU for easy addition to both production and post installations in DIT carts, fly away kits, and equipment racks. It is also lightweight at just 1 lb, making it perfect for DIT and mobile applications.

HDR | Image Analyzer 12G

3 YEAR
WARRANTY

HDR Waveform, Histogram and Vectorscope Monitoring **\$21,599**

The HDR Image Analyzer 12G fuses AJA's proven audio and video I/O technology with Colorfront's powerful Colorfront Engine™. The impressive 1RU device delivers a comprehensive toolset for multi-channel monitoring and analysis of Log, SDR, and HDR standards, including Hybrid Log Gamma (HLG) and Perceptual Quantizer (PQ) for up to 8K/UltraHD2 workflows over SDI and NDI.

The HDR Image Analyzer 12G offers 4x 12G-SDI inputs, dual 10 GiE, and DisplayPort output connections for the UltraHD HDR capable GUI.

New v3.0 software features multi-channel signal analysis (up to 4x 4K/UltraHD), NDI connectivity to mix and match SDI and NDI signal analysis, SDI embedded Dolby Vision dynamic metadata inspection and presentation, support for native ARRI LogC4, and expanded 8K/UltraHD2 format support.

HDR Image Analyzer 12G

- UltraHD GUI for high resolution picture display, including PQ support for HDR capable displays
- Supports up to four simultaneous channels of signal analysis, up to 4x 4K/UltraHD
- New 4-channel view is available
- Configurable layouts allow you to put the tool you need in the window you need it
- Mix and match SDI and NDI signal monitoring and analysis
- Support for display referred SDR (Rec.709), HDR ST.2084/PQ, and HLG analysis
- Support for scene referred ARRI, Canon, Panasonic, RED and Sony camera color spaces
- Dolby Vision dynamic metadata inspection and presentation
- Precision CIE graph, vectorscope, waveform, and histogram support
- False color mode to easily spot out of gamut/out of brightness pixels
- NIT levels and audio phase metering
- Line mode to focus a region of interest onto a single horizontal or vertical line
- File base error logging with timecode
- Three year warranty



Size (W x D x H): 436.88 x 429.26 x 43.18 mm

8K/UltraHD2 Analysis

HDR Image Analyzer 12G provides the necessary connectivity to support advanced 8K/UltraHD2 HDR and SDR production monitoring and analysis workflows. Providing the same high quality and precision analysis tools available for all other video formats, this powerful analyzer is a smart investment for today's needs as well as ensuring you are ready for tomorrow's.

Input Support

With input support for many leading camera Log formats as well as SDR, HLG, and PQ monitoring from a range of sources, HDR Image Analyzer 12G takes the pain out of HDR monitoring. Supporting both SDI and NDI connectivity, hybrid workflows are simplified. With a wide range of analysis tools and automatic error logging with timecode stamping, HDR Image Analyzer 12G ensures your production achieves the desired final results.

ACES Support

The Academy Color Encoding System (ACES) is fast becoming an industry standard for managing color throughout the life cycle of a motion picture or television production. HDR Image Analyzer 12G supports an ACES Grading Color Space and offers ACEScct signal analysis for real time integration with ACES workflows.

Configurable Layouts

HDR Image Analyzer 12G's interface provides a quadrant layout for viewing your tools and footage as you work. Quick key shortcuts provide preconfigured common layouts for how your tools and views are presented. For further customization, you can also choose any tool for any SDI or NDI channel to be shown in any of the quadrants.

FS | HDR

5 YEAR
WARRANTY

Real Time HDR/WCG Transformations, Multi-Channel Converter and Frame Sync

\$9,569

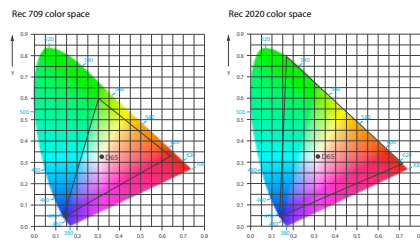
Powered by Colorfront Engine™ proprietary video processing algorithms, with real time parametric controls for HDR transforms, color correction, and SDR preview of HDR transforms for Single Master HDR workflows, FS-HDR also serves as a full, 1-channel up, down, cross-converter for 4K/UltraHD/2K/HD and in 4-channel mode offers four simultaneous and independent channels of 2K/HD conversions. FS-HDR offers ganged operational control of multiple FS-HDRs supporting 8K/UltraHD2, as well as Colorfront Engine TV, Live, and Film Modes, ACES support, Dynamic Multi-Channel LUT capabilities, BBC HLG LUTs, NBCU LUTs, ability to upload custom 3D LUTs, extensive audio processing, and more.

New v4.2 firmware features an all new Colorfront TV Mode providing improved tools for color conversion and highlight management, also including a new Sony S-Log3 format, the addition of ARRI Log C4 conversion formats to Colorfront Live and Film modes, and updated v1.6 BBC HLG LUTs.



Size (W x D x H): 444.5 x 406.4 x 44.45 mm

Dynamic Range/Color Gamut



Modern cameras are inherently HDR capable with their wide dynamic ranges available from the sensor on, and for live events and broadcasts, it's crucial to translate their Log and Gamut capabilities to the accepted standards.

HDR Workflows for UltraHD/HD

- Single channel mode for 4K/UltraHD/2K/HD conversion and HDR processing
- Four channel mode for multi-channel 2K/HD conversion and HDR processing
- Colorfront Engine Live, Film, and TV Modes covering all applications
- v1.6 BBC HLG LUT mode with an array of BBC transformations for HLG (Hybrid Log Gamma), including Scene-Referred and Display-Referred conversions
- NBCU LUTs developed by NBCUniversal Media, LLC for live television productions
- Dynamic LUT mode for third party software integration
- User LUT mode for importing 3D .cube LUTs
- ASC CDL support
- Auto or configurable HDR Signaling of SDI for SDR/PQ/HLG

Input Formats

- SDR BT.709 100 Nits
- SDR Extended BT.709
- PQ BT.2020 1000 Nits
- PQ P3D65 1000 Nits
- Hybrid Log Gamma BT.2100
- HLG Extended BT.709
- HLG Extended BT.2100
- Sony® S-Log3 S-Gamut3
- Sony S-Log3 S-Gamut3 Cine
- Sony S-Log3 BT.2020
- ARRI Log C Wide Gamut
- ARRI LogC4 Wide Gamut 4
- Panasonic® V-Log
- RED Log3G10 Wide Gamut
- Canon Log 2
- Canon Log 3
- ACEScct

Output Formats

From multi-channel HD to true 4K, FS-HDR carries your HDR / SDR video over 3G-SDI, optional fiber, or 12G-SDI to wherever it needs to go, from switchers, routers, and monitors, to huge LED displays and more. You can even convert your sources to ACEScct for use further along the chain

- SDR BT.709 100 Nits
- SDR Extended BT.709
- PQ BT.2020 1000 Nits
- PQ BT.2020 Constrained to P3
- PQ P3D65 1000 Nits
- Hybrid Log Gamma BT.2100
- HLG Extended BT.709
- HLG Extended BT.2100
- Sony S-Log3 S-Gamut3
- Sony S-Log3 BT.2020
- ARRI Log C Wide Gamut
- ARRI LogC4 Wide Gamut 4
- ACEScct

FS 4K/2K/HD/SD Frame Sync and Conversion

5 YEAR WARRANTY

FS | 4 \$6,269

4-Ch 2K/HD/SD or 1-Ch 4K/UltraHD Frame Sync and Up, Down, Cross-Converter



Size (W x D x H): 444.5 x 406.4 x 44.45 mm

FS4

- Single channel mode for 4K/UltraHD/2K/HD/SD conversion and processing
- Four channel mode for multi-channel 2K/HD/SD conversion and processing
- Up, down, cross-conversion
- Auto or configurable HDR Signaling of SDI and HDMI outputs for SDR/PQ/HLG
- 4x 3G-SDI In and 4x 3G-SDI Out
- 12G-SDI HD-BNC I/O with Optional SFPs
- 12G/6G/3G-SDI Fiber I/O with Optional SFPs
- Two Sample Interleave (2SI) or Square Division (Quadrant) input pixel mapping
- 1x 3G-SDI and 1x HDMI Monitor Outputs
- 16-channel embedded audio per SDI I/O, 8 AES I/O, 64-ch MADI Fiber and 64-ch MADI Coax I/O
- Five year warranty

FS | 2 \$4,949

2-Ch HD/SD Frame Sync and Up, Down, Cross-Converter



Size (W x D x H): 438.15 x 368.3 x 44.45 mm

FS2

- 2x 3G-SDI Inputs
- 2x Fiber 3G-SDI Inputs (optional)
- HD component YPbPr, SMPTE-274 (3x BNC) Input
- HDMI I/O
- 2x 3G-SDI Outputs
- 2x Fiber 3G-SDI Outputs (optional)
- HD component YPbPr, SMPTE-274 (3x BNC) Output
- Up, down, cross-conversion
- 16-channel, 24-bit SMPTE-272/299 SDI embedded audio, 48 kHz sample rate, synchronous I/O
- 16-channel, 24-bit AES/EBU audio, 48 kHz sample rate, synchronous or nonsynchronous, internal sample rate conversion (8x XLR via 25-pin breakout cable)
- Five year warranty

FS 1-X \$4,399

HD/SD Frame Sync and Up, Down, Cross-Converter
with linear Frame Rate Converter



Size (W x D x H): 482.6 x 406.4 x 44.45 mm

FS1-X

- 2x 3G-SDI Inputs
- 2x Fiber 3G-SDI Inputs (optional)
- HD component YPbPr, SMPTE-274 (3x BNC) Input
- HDMI I/O
- 2x 3G-SDI Outputs
- 2x Fiber 3G-SDI Outputs (optional)
- HD component YPbPr, SMPTE-274 (3x BNC) Output
- Composite SD Analog I/O
- 64-ch MADI Fiber and 64-Ch MADI Coax I/O
- 8-channel balanced analog I/O, DB-25F 25-pin Power connector (Tascam pinout)
- 16-channel AES/EBU I/O (BNC), DB-25F 25-pin connector
- Five year warranty

KUMO® Compact 12G-SDI and 3G-SDI Routers

5 YEAR WARRANTY

KUMO compact routers offer flexible video configuration with ease of control with the CP range of control panels or via the network. Adapt as your needs expand, from 3G-SDI with up to 64 inputs and outputs and 12G-SDI up to 32.

KUMO routers can be configured for ganged dual and quad port routing, allowing users to group together multiple inputs and outputs for dual link, 4K/UltraHD, and with 12G-SDI models, 8K workflows.



KUMO 6464 \$9,899

Size (W x D x H): 441.96 x 39.12 x 177.8 mm



KUMO 3232-12G \$5,059

Size (W x D x H): 441.96 x 39.12 x 88.9 mm



KUMO 3232 \$4,399

Size (W x D x H): 441.96 x 39.12 x 88.9 mm



KUMO 1616-12G \$3,189

Size (W x D x H): 441.96 x 39.12 x 44.45 mm



KUMO 1616 \$2,529

Size (W x D x H): 441.96 x 39.12 x 44.45 mm



KUMO CP2 \$1,209

Size (W x D x H): 441.96 x 33.02 x 88.9 mm



KUMO CP \$879

Size (W x D x H): 441.96 x 33.02 x 44.45 mm

Mini-Converters

5 YEAR
WARRANTY

The Power to Convert and Deliver

From broadcast, production, to post and live events, AJA Mini-Converters offer the most complete range of compact, stand-alone conversion and infrastructure solutions, designed to the highest standards in reliability and quality. Our converters cover a full range of 4K, HD, and SD capabilities to meet your needs.

AJA Mini-Matrix: Converter Search Software
www.aja.com/software/mini-matrix



INFRASTRUCTURE



12GM \$1,189
12G-SDI to/from SDI Muxer/Demuxer

INFRASTRUCTURE



FS-Mini \$879
3G/HD/SD-SDI Utility
Frame Synchronizer

INFRASTRUCTURE



GEN10 \$439
HD/SD Sync Generator

INFRASTRUCTURE



12G-AM \$1,245
12G-SDI 8-Channel AES
Embedder/Disembedder

INFRASTRUCTURE



12G-AM-TR \$1,759
12G-SDI 8-Channel AES
Embedder/Disembedder with
LC Fiber TR SFP

INFRASTRUCTURE



12G-AM-T \$1,639
12G-SDI 8-Channel AES
Embedder/Disembedder
with LC Fiber Tx SFP

INFRASTRUCTURE



12G-AM-T-ST \$1,759
12G-SDI 8-Channel AES
Embedder/Disembedder
with ST Fiber Tx SFP

INFRASTRUCTURE



12G-AM-R \$1,639
12G-SDI 8-Channel AES
Embedder/Disembedder,
with LC Fiber Rx SFP

INFRASTRUCTURE



12G-AM-R-ST \$1,759

12G-SDI 8-Channel AES Embedder/Disembedder, with ST Fiber Rx SFP

INFRASTRUCTURE



3G-AM \$999

3G-SDI 8-Channel AES Embedder/Disembedder

INFRASTRUCTURE



12G-AMA \$1,245

12G-SDI 4-Channel Analog Audio Embedder/Disembedder

INFRASTRUCTURE



12G-AMA-TR \$1,759

12G-SDI 4-Channel Analog Audio Embedder/Disembedder With LC Fiber TR SFP

INFRASTRUCTURE



12G-AMA-T \$1,639

12G-SDI 4-Channel Analog Audio Embedder/Disembedder With LC Fiber Tx SFP

INFRASTRUCTURE



12G-AMA-T-ST \$1,759

12G-SDI 4-Channel Analog Audio Embedder/Disembedder With ST Fiber Tx SFP

INFRASTRUCTURE



12G-AMA-R \$1,639

12G-SDI 4-Channel Analog Audio Embedder/Disembedder With LC Fiber Rx SFP

INFRASTRUCTURE



12G-AMA-R-ST \$1,759

12G-SDI 4-Channel Analog Audio Embedder/Disembedder With ST Fiber Rx SFP

INFRASTRUCTURE



3G-AMA \$999

3G-SDI Analog Audio Embedder/Disembedder

INFRASTRUCTURE



12GDA \$625

1x6 12G-SDI Reclocking Distribution Amplifier

INFRASTRUCTURE



3GDA \$505

1x6 3G/HD/SD Reclocking Distribution Amplifier

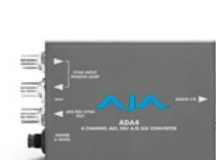
INFRASTRUCTURE



HD5DA \$255

1x4 HD/SD-SDI Distribution Amplifier

INFRASTRUCTURE



ADA4 \$585

4-Channel Bidirectional Audio A/D and D/A Converter

INFRASTRUCTURE



C10DA \$229

1x6 Analog Video Distribution Amplifier

HDMI



Hi5-12G \$999
12G-SDI to HDMI 2.0 Mini-Converter

HDMI



Hi5-12G-TR \$1,495
12G-SDI to HDMI 2.0 Mini-Converter,
with LC Fiber TR SFP

HDMI



Hi5-12G-R \$1,245
12G-SDI to HDMI 2.0 Mini-Converter,
with LC Fiber Rx SFP

HDMI



Hi5-12G-R-ST \$1,375
12G-SDI to HDMI 2.0 Mini-Converter,
with ST Fiber Rx SFP

HDMI



Hi5-4K-Plus \$835
4K/UltraHD (4x 3G-SDI)
to full HDMI 2.0 Mini-Converter

HDMI



Hi5-Plus \$505
3G-SDI to HDMI Mini-Converter
with Embedded Audio

HDMI



Hi5-Fiber \$879
3G-SDI over Fiber to HDMI
Video and Audio Mini-Converter

HDMI



HA5-12G \$999
HDMI 2.0 to 12G-SDI Mini-Converter

HDMI



HA5-12G-T \$1,245
HDMI 2.0 to 12G-SDI Mini-Converter,
with LC Fiber Tx SFP

HDMI



HA5-12G-T-ST \$1,375
HDMI 2.0 to 12G-SDI Mini-Converter,
with ST Fiber Tx SFP

HDMI



HA5-4K \$835
4K/UltraHD HDMI to 4K/UltraHD
SDI Mini-Converter

HDMI



HA5-Plus \$505
HDMI to 3G-SDI Mini-Converter with
Embedded Audio

HDMI



HA5-Fiber \$879
HDMI to 3G-SDI over Fiber
Video and Audio Mini-Converter

SCAN CONVERT



ROI-HDMI \$1,245

HDMI to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer

SCAN CONVERT



ROI-SDI \$1,245

3G-SDI to HDMI/3G-SDI Scan Converter with Region of Interest and Frame Synchronizer

SCAN CONVERT



ROI-DVI \$1,245

DVI to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer

SCAN CONVERT



ROI-DP \$1,245

Display Port to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer

SCALING



UDC \$879

Up, Down, Cross Mini-Converter with Embedded Audio and Frame Synchronizer

SCALING



HDP3 \$879

3G-SDI to DVI-D Mini-Converter with Embedded Audio

IP



IPT-10G2-HDMI \$1,615

HDMI Video and Audio to SMPTE ST 2110 IP Converter with Hitless Switching (ST 2022-7)

IP



IPT-10G2-SDI \$1,759

3G-SDI Video and Audio to SMPTE ST 2110 IP Converter with Hitless Switching (ST 2022-7)

IP



IPR-10G2-HDMI \$1,615

SMPTE ST 2110 IP Video and Audio to HDMI Converter with Hitless Switching (ST 2022-7)

IP



IPR-10G2-SDI \$1,759

SMPTE ST 2110 IP Video and Audio to 3G-SDI Converter with Hitless Switching

ANALOG



V2Digital™ \$439

Analog Video to HD/SD-SDI Mini-Converter

ANALOG



V2Analog™ \$439

HD/SD-SDI to Analog Audio/Video Mini-Converter

FiDO – Optical Fiber Converters

5 YEAR
WARRANTY

The Power to Convert and Deliver

FiDO Mini-Converters offer unmatched flexibility and cost efficiency for 12G-SDI, 6G-SDI, and 3G-SDI Fiber conversion, allowing for long cable runs up to 10km for single mode FiDOs and up to 700 m (2296 ft) for OM4 and 300 m (984 ft) for OM3 multi-mode fiber optic cables when using Multi-Mode models or SFPs. Choose LC, ST, or SC connectors, depending on the converter model. FiDO converters use compact, low profile, rugged enclosures that work well in tight spaces around and behind equipment racks, displays, in trucks and on camera.

AJA Mini-Matrix: Converter Search Software

www.aja.com/software/mini-matrix



OPTICAL FIBER



FiDO-TR-12G \$1,659

1-Channel 12G-SDI/LC Single Mode LC Fiber Transceiver

OPTICAL FIBER



FiDO-2T-12G \$1,659

2-Channel 12G-SDI to Single Mode LC Fiber Transmitter

OPTICAL FIBER



FiDO-T-12G \$989

1-Channel 12G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER



FiDO-T-12G-ST \$1,135

1-Channel 12G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER



FiDO-2R-12G \$1,659

2-Channel Single Mode LC Fiber to 12G-SDI Receiver

OPTICAL FIBER



FiDO-R-12G \$989

1-Channel Single Mode LC Fiber to 12G-SDI Receiver, with Dual SDI Outputs

OPTICAL FIBER



FiDO-R-12G-ST \$1,135

1-Channel Single Mode ST Fiber to 12G-SDI Receiver, with Dual SDI Outputs

OPTICAL FIBER



4K

FiDO-4T \$1,869

4-Channel 3G-SDI to Single Mode LC Fiber Transmitter

OPTICAL FIBER



4K

FiDO-4T-ST \$1,869

4-Channel 3G-SDI Single Mode ST Fiber Transmitter

OPTICAL FIBER



4K

FiDO-4T-MM \$2,485

4-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter

OPTICAL FIBER



4K

FiDO-4R \$1,869

4-Channel Single Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



4K

FiDO-4R-ST \$1,869

4-Channel 3G-SDI Single Mode ST Fiber to 3G-SDI Receiver

OPTICAL FIBER



4K

FiDO-4R-MM \$2,485

4-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



FiDO-2T \$815

2-Channel 3G-SDI to Single Mode LC Fiber Transmitter

OPTICAL FIBER



FiDO-2T-MM \$1,109

2-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter

OPTICAL FIBER



FiDO-2R \$815

2-Channel Single Mode Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



FiDO-2R-MM \$1,109

2-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



FiDO-TR \$815

1-Channel 3G-SDI/LC Single Mode LC Fiber Transceiver

OPTICAL FIBER



FiDO-TR-MM \$1,109

1-Channel 3G-SDI/LC Multi-Mode LC Fiber Transceiver

OPTICAL FIBER



FiDO-T \$559

1-Channel 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER



FiDO-T-ST \$559

1-Channel 3G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER



FiDO-T-SC \$559
1-Channel 3G-SDI to Single Mode
SC Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER



FiDO-T-MM \$869
1-Channel 3G-SDI to Multi-Mode
LC Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER



FiDO-R \$559
1-Channel Single Mode LC Fiber to
3G-SDI Receiver, with Dual SDI Outputs

OPTICAL FIBER



FiDO-R-ST \$559
1-Channel Single Mode ST Fiber to
3G-SDI Receiver, with Dual SDI Outputs

OPTICAL FIBER



FiDO-R-SC \$559
1-Channel Single Mode SC Fiber to
3G-SDI Receiver, with Dual SDI Outputs

OPTICAL FIBER



FiDO-R-MM \$869
1-Channel Multi-Mode LC Fiber to
3G-SDI Receiver, with Dual SDI
Outputs

Mini-Converter Accessories

5 YEAR
WARRANTY

ACCESSORIES



DRM2 \$1,295

3RU Mini-Converter Rackmount Frame with 200W Power Supply and Passive Faceplate

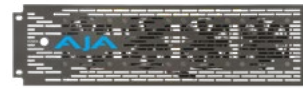
ACCESSORIES



DRM2-AP \$1,495

3RU Mini-Converter Rackmount Frame with 200W Power Supply and Active Fan Cooled Faceplate

ACCESSORIES



DRM2-AFP \$200

Active Faceplate Option for DRM2

ACCESSORIES



DRM2 Carrier (1) \$25 or (12-pack) \$250

Mini-Converter Mount that is Rugged, Simple to Use, and Easy to Access from the Front or Rear of the DRM2 Frame

ACCESSORIES



Y-Cable Assembly (1) \$45 or (12-pack) \$450

Optional Y-Cable Powers Two AJA Mini-Converters via One Standard DRM2 Power Cable

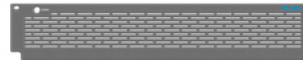
ACCESSORIES



DRM \$749

Mini-Converter Rackmount Frame with 50W Power Supply

ACCESSORIES



DRM FCP \$145

Faceplate for DRM

ACCESSORIES



DRM- P/S ASSY \$475

DRM Spare 50W Power Supply

ACCESSORIES



CMP \$129

Converter Mounting Plate

ACCESSORIES



RMB \$15

Rackmount Bracket

ACCESSORIES



DWP-U-R1 \$65

Universal Power Supply

ACCESSORIES



AJA Mini-Config Software

Free Visual Configuration and Control Software

ACCESSORIES



PWR-CABLE \$99

P-TAP to 2x AJA Mini-Converter Power Connectors

ACCESSORIES



P-TAP-CBL \$75

P-Tap to AJA Mini-Converter Power Cable

ACCESSORIES



12G-AM BNC Cable \$89

Optional Breakout Cable with 1x 25 Pin D Male Connector to 8 BNC Connectors

ACCESSORIES



12G-AM XLR Cable \$89

Optional Breakout Cable with 1x 25 Pin D Male Connector to 8 XLR Connectors

openGear Cards and Rackframe

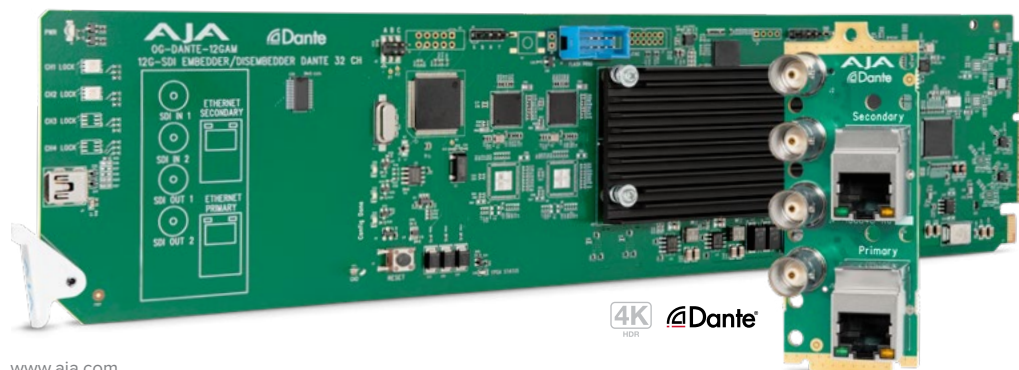
For critical broadcast applications, AJA openGear compatible converter cards, with DashBoard software support, provide the highest levels of quality and reliability for use in OG frames, including the AJA OG-X-FR.



OG-X-FR \$1,956

2RU openGear Compatible Rackframe

openGear | OG-DANTE-12GAM \$2,969



www.aja.com

INFRASTRUCTURE

OG-DANTE-12GAM

- Support for 12G/6G/3G SDI audio embedding to- and from- the Dante audio ecosystem
- Dual and independent 12G-SDI Input and Output ports, each supporting 16-audio channels, totaling 64-channels per card in a compact design
- 1x Primary and 1x Secondary 1Gb Ethernet ports
- 64-ch of simultaneous SDI/Dante audio bridging per card
- 2x Independent Internal SDI Generators for transmitting Dante audio channels over SDI without having an external SDI source signal
- DashBoard support for remote signal status and configuration
- Compatible with a range of Dante Software from Audinate
- High density and small form factor, enabling 10 cards to be utilized in a single openGear frame for up to 640 channels of SDI/Dante audio bridging
- Hot-swap capable
- Compatible with OG-X-FR and OG-3-FR openGear frames

INFRASTRUCTURE



OG-12GM \$1,189
openGear 12G-SDI to/from SDI Muxer/Demuxer

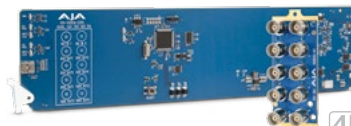


INFRASTRUCTURE



OG-FS-Mini \$879
openGear 3G/HD/SD-SDI
Utility Frame Synchronizer

INFRASTRUCTURE



OG-12GDA-2x4 \$869
openGear Dual 1x4 12G-SDI
Distribution Amplifiers

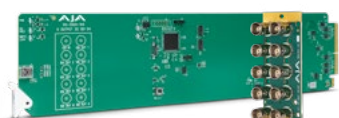


INFRASTRUCTURE



OG-3GDA-2x4 \$695
openGear 1x8 or Dual 2x4 3G-SDI
Reclocking DA

INFRASTRUCTURE



OG-3GDA-1x9 \$625
openGear 1x9 3G-SDI Reclocking DA

INFRASTRUCTURE



OG-12G-AM \$1,245
openGear 12G-SDI 16-Channel AES/EBU
Embedder/Disembedder



INFRASTRUCTURE



OG-12G-AMA \$1,245
openGear 12G-SDI 8-Channel Analog
Audio Embedder/Disembedder

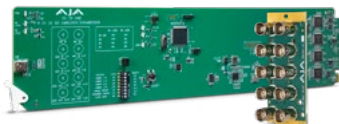


INFRASTRUCTURE



OG-3G-AMA \$999
openGear 3G-SDI Analog Audio
Embedder/Disembedder

INFRASTRUCTURE



OG-3G-AMD \$999
openGear 3G-SDI 8-Channel 24-bit AES
Embedder/Disembedder

HDMI



OG-Hi5-12G \$999
openGear 12G-SDI to HDMI 2.0
Conversion up to 4K 60p



HDMI



OG-Hi5-12G-TR \$1,495
openGear 12G-SDI to HDMI 2.0
Conversion and LC Fiber Transceiver



HDMI



OG-Hi5-12G-R \$1,245
openGear 12G-SDI to HDMI 2.0
Conversion and LC Fiber Receiver



HDMI



OG-Hi5-12G-R-ST \$1,375
openGear 12G-SDI to HDMI 2.0
Conversion and ST Fiber Receiver



HDMI



OG-Hi5-4K-Plus \$835
openGear 4K/UltraHD (4x 3G-SDI)
to full HDMI 2.0 Converter



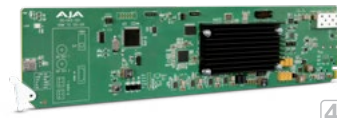
HDMI



OG-HA5-12G \$999
openGear HDMI 2.0 to 12G-SDI Converter



HDMI



OG-HA5-12G-T \$1,245
openGear HDMI 2.0 to 12G-SDI Conversion
with LC Fiber Transmitter



HDMI



OG-HA5-12G-T-ST \$1,375

openGear HDMI 2.0 to 12G-SDI Conversion
with ST Fiber Transmitter



INFRASTRUCTURE



OG-HA5-4K \$835

openGear 4K/UltraHD/2K/HD/SD HDMI 2.0
to 3G-SDI Conversion



SCAN CONVERT



OG-ROI-HDMI \$1,245

openGear HDMI to 3G-SDI Scan Converter
with Region of Interest and Frame Synchronizer

SCAN CONVERT



OG-ROI-SDI \$1,245

openGear 3G-SDI to HDMI/3G-SDI Scan
Converter with Region of Interest and Frame
Synchronizer

SCAN CONVERT



OG-ROI-DVI \$1,245

openGear DVI to 3G-SDI Scan Converter
with Region of Interest and Frame Synchronizer

SCALING



OG-UDC \$879

openGear 3G-SDI Up, Down,
Cross-Converter

OPTICAL FIBER



OG-FiDO-TR-12G \$1,659
openGear 1-Channel 12G-SDI/LC
Single Mode LC Fiber Transceiver



OPTICAL FIBER



OG-FiDO-2T-12G \$1,659
openGear 2-Channel 12G-SDI to Single Mode
LC Fiber Transmitter



OPTICAL FIBER



OG-FiDO-2R-12G \$1,659
openGear 2-Channel Single Mode LC Fiber
to 12G-SDI Receiver



OPTICAL FIBER



OG-FiDO-T-12G-ST \$1,135
openGear 1-Channel 12G-SDI to Single Mode
ST Fiber Transmitter



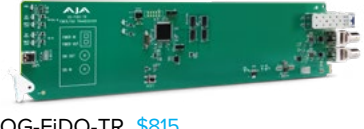
OPTICAL FIBER



OG-FiDO-R-12G-ST \$1,135
openGear 1-Channel Single Mode ST Fiber
to 12G-SDI Receiver



OPTICAL FIBER



OG-FiDO-TR \$815
openGear 1-Channel 3G-SDI/LC
Single Mode LC Fiber Transceiver

OPTICAL FIBER



OG-FiDO-TR-MM \$1,109
openGear 1-Channel 3G-SDI/LC
Multi-Mode LC Fiber Transceiver

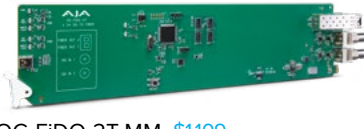
OPTICAL FIBER



OG-FiDO-2T \$815
openGear 2-Channel 3G-SDI to
Single Mode LC Fiber Transmitter



OPTICAL FIBER



OG-FiDO-2T-MM \$1,109
openGear 2-Channel 3G-SDI to
Multi-Mode LC Fiber Transmitter

OPTICAL FIBER



OG-FiDO-2R \$815
openGear 2-Channel Single Mode
LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



OG-FiDO-2R-MM \$1,109
openGear 2-Channel Multi-Mode
LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



OG-FiDO-T \$559
openGear 1-Channel 3G-SDI to Single Mode LC
Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER



OG-FiDO-T-MM \$869
openGear 1-Channel 3G-SDI to Multi-Mode
LC Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER



OG-FiDO-R \$559
openGear 1-Channel Single Mode
LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



OG-FiDO-R-MM \$869
openGear 1-Channel Multi-Mode
LC Fiber to 3G-SDI Receiver

ACCESSORIES



OG-X-PS \$891
Optional Redundant Power Supply
for OG-X-FR Frame

SFP Options Start at \$255

AJA provides a range of products and optional SFP modules to allow you to make the most of your fiber infrastructure. You have the flexibility in many cases to order your AJA model variant with an SFP already installed at time of purchase, and in other cases you may wish to order additional optional SFPs alongside your initial purchase or post purchase.

AJA SFP Configurator

The AJA SFP configurator is the fastest way to ensure that you accurately select the most appropriate SFP for your workflow needs for the appropriate AJA product you wish to integrate into your facility infrastructure.



AJA SFP Configurator

Single Mode SC SFP Modules

Single Channel SC Fiber Transmitters and Receivers

Model	Price	Description
FIBERSC-1-TX	\$255	1-Channel 3G-SDI Single Mode SC Fiber Transmitter
FIBERSC-1-RX	\$255	1-Channel 3G-SDI Single Mode SC Fiber Receiver

Single Mode LC SFP Modules

Single and Dual Channel LC Fiber Transmitters and Receivers

Model	Price	Description
FIBERLC-2-TX	\$375	2-Channel 3G-SDI Single Mode LC Fiber Transmitter
FIBERLC-2-RX	\$375	2-Channel 3G-SDI Single Mode LC Fiber Receiver
FIBERLC-1-TX	\$255	1-Channel 3G-SDI Single Mode LC Fiber Transmitter
FIBERLC-1-RX	\$255	1-Channel 3G-SDI Single Mode LC Fiber Receiver

Multi-Mode LC SFP Modules

Single and Dual Channel LC Fiber Transmitters and Receivers

Model	Price	Description
FIBERLC-2TX-MM	\$439	2-Channel 3G-SDI Multi-Mode LC Fiber Transmitter
FIBERLC-2RX-MM	\$439	2-Channel 3G-SDI Multi-Mode LC Fiber Receiver
FIBERLC-1TX-MM	\$375	1-Channel 3G-SDI Multi-Mode LC Fiber Transmitter
FIBERLC-1RX-MM	\$375	1-Channel 3G-SDI Multi-Mode LC Fiber Receiver

Single Mode 12G SFP Modules

Single and Dual Channel 12G LC, ST Fiber, HD-BNC Transmitters, Receivers and Transceivers

Model	Price	Description
FIBERLC-2TX-12G	\$559	2-Channel 12G-SDI Single Mode LC Fiber Transmitter
FIBERLC-2RX-12G	\$559	2-Channel 12G-SDI Single Mode LC Fiber Receiver
FIBERLC-TR-12G	\$559	1-Channel 12G-SDI Single Mode LC Fiber Transceiver
FIBERLC-1TX-12G	\$375	1-Channel 12G-SDI Single Mode LC Fiber Transmitter
FIBERLC-1RX-12G	\$375	1-Channel 12G-SDI Single Mode LC Fiber Receiver
FIBERST-1TX-12G	\$505	1-Channel 12G-SDI Single Mode ST Fiber Transmitter
FIBERST-1RX-12G	\$505	1-Channel 12G-SDI Single Mode ST Fiber Receiver

DEVELOPER

PCIe I/O Solutions for Developer Partners

The Corvid lineup offers OEM Developer partners a wealth of options when used with AJA's powerful SDK on Windows, macOS, and Linux.

AJA's KONA, Io and T-TAP products are also compatible with the SDK, opening even more I/O choices.

Learn More: www.aja.com/category/developer

Apply today: www.aja.com/developer/request



3 YEAR
WARRANTY



Corvid 88 **\$3,485**

High density 12-bit RGB or 10-bit YCbCr with simultaneous 4K input/output, or eight independent mixed channel I/O.

Low Profile and Fanless versions available.



Corvid 44 12G **\$4,069**

8K or multi-channel 4K, 12-bit RGB or 10-bit YCbCr with four independent bidirectional 12G-SDI I/O and HD-BNCs.

Low Profile and Fanless versions available.



Corvid 44 12G BNC **\$3,795**

8K or multi-channel 4K, 12-bit RGB or 10-bit YCbCr with four independent bidirectional 12G-SDI I/O and full-size BNCs.

Fanless version available.



Corvid 44 **\$2,365**

Multi-channel 12-bit RGB or 10-bit YCbCr with four independent mixed channel I/O or single 4K Input or Output.

Low Profile and Fanless versions available.



Corvid 44 BNC **\$2,365**

Multi-channel 12-bit RGB or 10-bit YCbCr with four independent mixed channel I/O or single 4K Input or Output; Full-sized BNCs.

Fanless version available.



Corvid 22 **\$1,749**

Multi-channel HD (2x in, 2x Out) supporting RGB 8-bit, or YCbCr 10-bit with 3G-SDI I/O; Reference/LTC Input.



KONA XM **\$3,995**

4K, 12-bit RGB or 10-bit YCbCr full-size, full-size BNC 12G-SDI and full-size HDMI I/O. Ultra low latency with streaming (DMA).

Fanless version available.

About AJA Video Systems, Inc

Since 1993, AJA Video has been a leading manufacturer of video interface and conversion solutions, bringing high quality, cost effective digital video products to the professional, broadcast and postproduction markets. AJA products are designed and manufactured at our facilities in Grass Valley, California, and sold through an extensive sales channel of resellers and systems integrators around the world. For further information, please see our website at www.aja.com.

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Grass Valley, California

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www.aja.com

