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<td>File based recording and playback devices that create high quality files on computer friendly media via industry standard codecs and connections for on-set, postproduction, OTT, live events, and more.</td>
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| BRIDGE NDI 3G | 6 | Conversion Gateway |
|               |   | BRIDGE NDI 3G is a 1RU gateway offering high density conversion to and from 3G-SDI to ND and ND to 3G-SDI for both HD and UltraHD. |

| BRIDGE LIVE | 7 | Streaming Appliance |
|             |   | BRIDGE LIVE is a turnkey solution built for critical streaming applications with high performance 12G-SDI video encoding/decoding and stream based transcoding. |

| HELO Plus | 8 | Streaming and Recording Appliance |
|          |   | SDI and HDMI I/O in a single appliance with the ability to simultaneously stream, encode, and record beautiful H.264 files. |

| Io | 10 | Mobile I/O |
|    |   | Desktop level functionality in portable form factors encompassing Thunderbolt™ standards all the way up to Thunderbolt 3 with 12G-SDI and HDMI 2.0. |

| KONA | 12 | Desktop I/O |
|      |   | Powerful PCIe I/O solutions for the most demanding tasks from SD to 8K, multi-channel workflows, HDR, and streaming, augmented reality, and virtual production. |

| U-TAP | 17 | USB 3.0 Powered 3G-SDI and HDMI Capture |
|       |   | Professional connectivity and high quality video capture to your laptop or workstation. |

| T-TAP Pro | 18 | Thunderbolt™ 3 and Thunderbolt™ 4 Powered SDI and HDMI Output |
|          |   | Compact device that utilizes the power of Thunderbolt™ to deliver high quality 10 or 12-bit, HDR, SDR, 4K, UltraHD, 2K, HD, SD video and embedded audio output from any compatible Mac or PC. |

| ColorBox | 19 | In-line HDR/SDR Algorithmic and LUT Color Transforms |
|         |   | Compact, high performance converter for color managed workflows designed to specifically meet the conversion needs of broadcast, live events, and on-set applications. |

| HDR Image Analyzer | 20 | HDR Waveform, Histogram, and Vectorscope Monitoring |
|                   |   | Tools for the effective real time multi-channel analysis of the latest HDR/WCG standards and color spaces from 8K/10/4K/2K/HD content in a stand-alone 1RU device. |

| FS | 21 | 4K/2K/HD/SD and HDR/SD Frame Sync and Conversion |
|    |   | Hardware conversion in compact 1RU rack Frame Sync units offering unrivaled flexibility and supporting the latest connectivity, with models supporting 12G-SDI, HDMI, and fiber I/O with extensive audio support. |

| KUMO | 24 | Routers |
|      |   | Convenient dense routing solutions in lightweight form factors for use in facilities, OB trucks, post suites, and more. Available in multiple connector densities, with 3G-SDI and 12G-SDI models. |

| Mini-Converters | 25 | Infrastructure Converters |
|                 |   | Options for common infrastructure and point of use needs. |

| HDFaceT | 28 | IP Mini-Converters |
|        |   | Rugged, compact, and reliable, providing the bridge between baseband and IP video for a range of applications. |

| Analog Mini-Converters | 29 | Solutions for analog to digital and digital to analog conversion for both video and audio, including composite, component and HD analog to HD digital conversion. |

| HDbaseT Mini-Converters | 29 | Solution for extending video signals up to 100 meters over Cat 5 (or better) cable, utilizing the industry standard HDbaseT protocol. |

| Optical Fiber Mini-Converters | 30 | 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/UltraHD, model dependent. |

| Mini-Converter Accessories | 33 | Accessories |
|                           |   | Options for mounting and powering AJA Mini-Converters. |

| openGear | 34 | openGear Compatible Rackframe Cards |
|         |   | Cards for infrastructure, HDMI/SDI conversion, scan conversion, fiber conversion, and scaling for use in the AJA OG-X-FR openGear frame, amongst others. |

| SFP Options | 38 | SFP Options |
|            |   | Optional SFP modules are available for a range of AJA Products. |

| Corvid | 40 | PCIe I/O |
|       |   | Proven video I/O devices available to AJA partners for development and support of integrated products with powerful SDK support. |

| RovoCam HDbaseT Camera System | 41 | HDbaseT Powered Camera and Receivers |
|                               |   | UltraHD/HD capture in a range of scenarios from sports venues to live events, facilities, and HOW use. |
Ki Pro® ULTRA 12G

- 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
- 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)

Ki Pro® GO

- 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

AJA Pak Media
Available in 2TB, 1TB, 512GB and 256GB capacities

$4,749

Ki Pro® ULTRA 12G

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

Ki Pro® GO

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

3 YEAR WARRANTY
Ki Pro Rack $3,189

- 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

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
**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.

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**KiPro 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.

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**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 2TB, 1TB, 512GB and 256GB capacities. Designed for use with Ki Pro Ultra 12G.

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**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.

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**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.

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**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.

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**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

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.

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

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

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

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.

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

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, 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

REMIX 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.

www.aja.com

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

### 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

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.

### 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.

### Multi-Language UI

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

### 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.

### 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.

### 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.

### 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.

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

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

www.aja.com
The AJA Dante AV 4K-T and Dante AV 4K-R devices encode and decode video and audio streams to and from the Dante AV Ultra IP video protocol, a JPEG 2000 video codec, simplifying AV signal delivery while providing an efficient way to transmit audio and video signals in sync between a wide range of devices. 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 GigE networks. Now you have a powerful way to create a video and audio Dante network with high quality, precision sync with the new Dante AV 4K-T and Dante AV 4K-R Dante AV Ultra devices.

**Dante AV 4K-T**
- Dante AV Ultra Transmitter (JPEG 2000)
- 4K/UltraHD/2K/HD/VESA
- 12G-SDI and HDMI 2.0 Out
- 1 GigE POE+ IP
- Compatible with Dante Controller software for routing Video, Audio, KVM, VISCA, and IR

**Dante AV 4K-R**
- Dante AV Ultra Receiver (JPEG 2000)
- 4K/UltraHD/HD/VESA
- 12G-SDI and HDMI 2.0 In
- 1 GigE POE+ IP
- Compatible with Dante Controller software for routing Video, Audio, KVM, VISCA, and IR

**Add Cinema Quality IP Video to your Dante Network $2495**

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 GigE efficiency, and high quality JPEG 2000 support up to 4K 60p for low latency, synchronized IP video and audio for live concerts, education, HOW, broadcast workflows and more.

**AJA and Dante AV Ecosystem**
Dante AV 4K-T transmitters and Dante AV 4K-R receivers utilize the latest AV over IP technology and can be seamlessly integrated into an existing Dante audio network. Furthermore, 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 is an area of fast growth built on the tested Dante IP audio network, with many partners offering a range of products from PTZ cameras to cinema quality solutions like AJA’s.

**Rackmounting**
For rackmounting, the AJA IOX-RM rackmount shelf accessory is available for $120 US MSRP.
Io X3 $1,759

- 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

Io 4K Plus $3,299

- 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
- 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)

Io 4K Plus

- 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, Telesstream 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
Io® Powerful and Flexible Professional I/O

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
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

www.aja.com
### KONA 4

- **Price:** $2,495
- **Specifications:**
  - 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
  - Up to 12-bit LUT support (.cube)
  - 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

### KONA 5

- **Price:** $4,069
- **Specifications:**
  - 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

### KONA 3G-BOX

- **Price:** $715
- **Supplied Breakout Cables:**
  - K3G-BOX
**KONA 1**

- 2K/HD/SD up to 50/60p
- 2x 3G-SDI connections (In, Out) with 16-channel embedded audio
- Simultaneous capture of 2x 2K 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
- 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 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 HDMI**

- 4K/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, HDR 10+, 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

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**KONA HDMI**

- **$1,649**

**KONA 1**

- **$1,649**
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

$1,319

KLHi-BOX $659

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

$1,879

LHi

$1,879

LHe Plus $1,319

LHe Plus $1,319

KLHe-BOX $659

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

www.aja.com
U-TAP USB 3.0 Powered 3G-SDI and HDMI Capture

**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

U-TAP SDI

**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

**U-TAP HDMI**

**View Compatibility Chart**

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

Size (W x D x H): 83.82 x 60.96 x 25.4 mm
T-TAP Pro

- 4K/UltraHD/2K/HD 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

Price: $1,099

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

*Dolby Vision requires third party application support
ColorBox
In-Line Color and HDR/SDR Transform

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/UlttaHD 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.

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 1lb, making it perfect for DIT and mobile applications.

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 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.

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

$1,995
HDR Image Analyzer 12G

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 GigE, 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.

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.
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.

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

**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

**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

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

**FS4**
- 4-Ch 2K/HD/SD or 1-Ch 4K/UltraHD Frame Sync and Up, Down, Cross-Converter
- 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

**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

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 1616 $2,529
Size (W x D x H): 441.96 x 39.12 x 44.45 mm

KUMO 3232 $4,399
Size (W x D x H): 441.96 x 39.12 x 88.9 mm

KUMO CP $879
Size (W x D x H): 441.96 x 33.02 x 44.45 mm

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.
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

**12GM** $1,189
12G-SDI to/from Quad 3G-SDI, Multiplexer

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

**GEN10** $439
HD/SD Sync Generator

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

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

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

**12G-AM-R** $1,639
12G-SDI 8-Channel AES Embedder/Disembedder, with LC Fiber Rx SFP
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<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
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<tbody>
<tr>
<td>12G-AM-R-ST</td>
<td>$1,759</td>
<td>12G-SDI 8-Channel AES Embedder/Disembedder, with ST Fiber Rx SFP</td>
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<td>3G-AM</td>
<td>$999</td>
<td>3G-SDI 8-Channel AES Embedder/Disembedder</td>
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<td>12G-AMA</td>
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<td>3G-AMA</td>
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<td>3G-SDI Analog Audio Embedder/Disembedder</td>
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<td>12G-AMA-R</td>
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<td>12G-SDI 4-Channel Analog Audio Embedder/Disembedder With LC Fiber Rx SFP</td>
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<td>12G-AMA-R-ST</td>
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<td>12G-SDI 4-Channel Analog Audio Embedder/Disembedder With ST Fiber Rx SFP</td>
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<td>12G-AMA-T-ST</td>
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<td>12G-SDI 4-Channel Analog Audio Embedder/Disembedder With ST Fiber Tx SFP</td>
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<td>12GDA</td>
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<td>1x6 12G-SDI Reclocking Distribution Amplifier</td>
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<td>3GDA</td>
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<td>1x4 HD/SD-SDI Distribution Amplifier</td>
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<td>ADA4</td>
<td>$585</td>
<td>4-Channel Bidirectional Audio A/D and D/A Converter</td>
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<td>C10DA</td>
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<td>1x6 Analog Video Distribution Amplifier</td>
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Hi5-12G  $999
12G-SDI to HDMI 2.0 Mini-Converter

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

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

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

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

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

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

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

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

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

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

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

HA5-Fiber  $879
HDMI to 3G-SDI over Fiber Video and Audio Mini-Converter
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<th>Model</th>
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<tbody>
<tr>
<td>ROI-HDMI</td>
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<td>HDMI to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer</td>
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<td>ROI-SDI</td>
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<td>3G-SDI to HDMI/3G-SDI Scan Converter with Region of Interest and Frame Synchronizer</td>
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<tr>
<td>ROI-DVI</td>
<td>$1,245</td>
<td>DVI to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer</td>
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<td>ROI-DP</td>
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<td>Display Port to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer</td>
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<td>UDC</td>
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<td>Up, Down, Cross Mini-Converter with Embedded Audio and Frame Synchronizer</td>
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<td>HDP3</td>
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<td>3G-SDI to DVI-D Mini-Converter with Embedded Audio</td>
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<td>HDMI Video and Audio to SMPTE ST 2110 IP Converter with Hitless Switching (ST 2022-7)</td>
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<td>IPT-10G2-SDI</td>
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<td>V2Digital™</td>
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<td>Analog Video to HD/SD-SDI Mini-Converter</td>
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<td>RovoRx-HDMI</td>
<td>$625</td>
<td>HDBaseT to HDMI Mini-Converter with PoH</td>
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<tr>
<td>V2Analog™</td>
<td>$439</td>
<td>HD/SD-SDI to Analog Audio/Video Mini-Converter</td>
</tr>
<tr>
<td>RovoRx-SDI</td>
<td>$1,245</td>
<td>HDBaseT to 6G/3G-SDI and HDMI Mini-Converter with POH, Genlock</td>
</tr>
</tbody>
</table>
FiDO – Optical Fiber Converters

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
FiDO-4T $1,869
4-Channel 3G-SDI to Single Mode LC Fiber Transmitter

FiDO-4T-ST $1,869
4-Channel 3G-SDI Single Mode ST Fiber Transmitter

FiDO-4T-MM $2,485
4-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter

FiDO-4R $1,869
4-Channel Single Mode LC Fiber to 3G-SDI Receiver

FiDO-4R-ST $1,869
4-Channel 3G-SDI Single Mode ST Fiber to 3G-SDI Receiver

FiDO-4R-MM $2,485
4-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

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

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

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

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

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

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

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

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

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

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

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

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

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

- CMP $129
  Converter Mounting Plate
- DRM $749
  Mini-Converter Rackmount Frame with 50W Power Supply
- DRM FCP $145
  Faceplate for DRM
- DRM- P/S ASSY $475
  DRM Spare 50W Power Supply
- RMB $15
  Rackmount Bracket
- AJA Mini-Config
  Free Visual Configuration and Control Software
- DWP-U-R1 $65
  Universal Power Supply
- PWR-CABLE $99
  P-TAP to 2x AJA Mini-Converter Power Connectors
- P-TAP-CBL $75
  P-Tap to AJA Mini-Converter Power Cable
- 12G-AM BNC Cable $89
  Optional breakout cable with 1x 25 pin D male connector to 8 BNC connectors
- 12G-AM XLR Cable $89
  Optional breakout cable with 1x 25 pin D male connector to 8 XLR connectors
- AJA Mini-Matrix
  Find the Right AJA Converter for Any Situation

www.aja.com
openGear Cards and Rackframe

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

OG-X-FR $1,899
openGear Compatible Rackframe

openGear OG-DANTE-12GAM $2,969

- 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
<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OG-12GM</td>
<td>$1,189</td>
<td>openGear 12G-SDI to/from Quad 3G-SDI, Muxer/Demuxer</td>
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<tr>
<td>OG-3GDA-1x9</td>
<td>$625</td>
<td>openGear 3G-SDI Reclocking DA</td>
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<tr>
<td>OG-3G-AMD</td>
<td>$999</td>
<td>openGear 3G-SDI 8-Channel 24-bit AES Embedder/Disembedder</td>
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<tr>
<td>OG-Hi5-12G</td>
<td>$999</td>
<td>openGear 12G-SDI to HDMI 2.0 Converter</td>
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<tr>
<td>OG-Hi5-12G-R-ST</td>
<td>$1,375</td>
<td>openGear 12G-SDI to HDMI 2.0 ST Fiber Receiver</td>
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<tr>
<td>OG-Hi5-4K-Plus</td>
<td>$835</td>
<td>openGear 4K/UltraHD (4x 3G-SDI) to full HDMI 2.0 Converter</td>
</tr>
<tr>
<td>OG-FS-Mini</td>
<td>$879</td>
<td>openGear 3G/HD/SD-SDI Utility Frame Synchronizer</td>
</tr>
<tr>
<td>OG-12G-AM</td>
<td>$1,245</td>
<td>openGear 12G-SDI 16-Channel AES/EBU Embedder/Disembedder</td>
</tr>
<tr>
<td>OG-12G-AMA</td>
<td>$1,245</td>
<td>openGear 12G-SDI 8-Channel Analog Audio Embedder/Disembedder</td>
</tr>
<tr>
<td>OG-HA5-12G</td>
<td>$999</td>
<td>openGear HDMI 2.0 to 12G-SDI Converter</td>
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<tr>
<td>OG-HA5-12G-T</td>
<td>$1,245</td>
<td>openGear HDMI 2.0 to 12G-SDI Conversion with LC Fiber Transmitter</td>
</tr>
<tr>
<td>OG-HI5-12G-TR</td>
<td>$1,495</td>
<td>openGear 12G-SDI to HDMI 2.0 LC Fiber Transceiver</td>
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<tr>
<td>OG-HI5-12G-R</td>
<td>$1,245</td>
<td>openGear 12G-SDI to HDMI 2.0 Conversion with LC Fiber Receiver</td>
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<tr>
<td>OG-12GDA-2x4</td>
<td>$869</td>
<td>openGear Dual 1x4 12G-SDI Distribution Amplifiers</td>
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<tr>
<td>OG-3G-AMA</td>
<td>$999</td>
<td>openGear 3G-SDI Analog Audio Embedder/Disembedder</td>
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<tr>
<td>OG-Hi5-12G-TR</td>
<td>$1,495</td>
<td>openGear 12G-SDI to HDMI 2.0 Conversion with LC Fiber Transceiver</td>
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<tr>
<td>OG-HA5-12G</td>
<td>$999</td>
<td>openGear HDMI 2.0 to 12G-SDI Converter</td>
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<tr>
<td>OG-HA5-12G-T</td>
<td>$1,245</td>
<td>openGear HDMI 2.0 to 12G-SDI Conversion with LC Fiber Transmitter</td>
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</table>
OG-HA5-12G-T-ST  $1,375
openGear HDMI 2.0 to 12G-SDI Conversion with ST Fiber Transmitter

OG-HA5-4K  $835
openGear 4K/UltraHD/2K/HD/SD HDMI 2.0 to 3G-SDI Conversion

OG-ROI-SDI  $1,245
openGear 3G-SDI to HDMI/3G-SDI Scan Converter with Region of Interest and Frame Synchronizer

OG-ROI-HDMI  $1,245
openGear HDMI to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer

OG-ROI-DVI  $1,245
openGear DVI to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer

OG-ROI-DVI  $879
openGear DVI to 3G-SDI Up, Down, Cross-Converter and Frame Synchronizer
OG-FiDO-TR-12G $1,659
openGear 1-Channel 12G-SDI/LC Single Mode LC Fiber Transceiver

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

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

OG-X-PS $865
Optional Redundant Power Supply for OG-X-FR Frame

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

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

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

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

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

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

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

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

### Single Mode LC SFP Modules
Single and Dual Channel LC Fiber Transmitters and Receivers

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIBERLC-2-TX</td>
<td>$375</td>
<td>2-Channel 3G-SDI Single Mode LC Fiber Transmitter</td>
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<tr>
<td>FIBERLC-2-RX</td>
<td>$375</td>
<td>2-Channel 3G-SDI Single Mode LC Fiber Receiver</td>
</tr>
<tr>
<td>FIBERLC-1-TX</td>
<td>$255</td>
<td>1-Channel 3G-SDI Single Mode LC Fiber Transmitter</td>
</tr>
<tr>
<td>FIBERLC-1-RX</td>
<td>$255</td>
<td>1-Channel 3G-SDI Single Mode LC Fiber Receiver</td>
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### Single Mode SC SFP Modules
Single Channel SC Fiber Transmitters and Receivers

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<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>FIBERSC-1-TX</td>
<td>$255</td>
<td>1-Channel 3G-SDI Single Mode SC Fiber Transmitter</td>
</tr>
<tr>
<td>FIBERSC-1-RX</td>
<td>$255</td>
<td>1-Channel 3G-SDI Single Mode SC Fiber Receiver</td>
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### Multi-Mode LC SFP Modules
Single and Dual Channel LC Fiber Transmitters and Receivers

<table>
<thead>
<tr>
<th>Model</th>
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<th>Description</th>
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<tr>
<td>FIBERLC-2-TX-MM</td>
<td>$439</td>
<td>2-Channel 3G-SDI Multi-Mode LC Fiber Transmitter</td>
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<tr>
<td>FIBERLC-2-RX-MM</td>
<td>$439</td>
<td>2-Channel 3G-SDI Multi-Mode LC Fiber Receiver</td>
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<tr>
<td>FIBERLC-1-TX-MM</td>
<td>$375</td>
<td>1-Channel 3G-SDI Multi-Mode LC Fiber Transmitter</td>
</tr>
<tr>
<td>FIBERLC-1-RX-MM</td>
<td>$375</td>
<td>1-Channel 3G-SDI Multi-Mode LC Fiber Receiver</td>
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</table>

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIBERLC-2TX-12G</td>
<td>$559</td>
<td>2-Channel 12G-SDI Single Mode LC Fiber Transmitter</td>
</tr>
<tr>
<td>FIBERLC-2RX-12G</td>
<td>$559</td>
<td>2-Channel 12G-SDI Single Mode LC Fiber Receiver</td>
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<tr>
<td>FIBERLC-TR-12G</td>
<td>$559</td>
<td>1-Channel 12G-SDI Single Mode LC Fiber Transceiver</td>
</tr>
<tr>
<td>FIBERLC-1TX-12G</td>
<td>$375</td>
<td>1-Channel 12G-SDI Single Mode LC Fiber Transmitter</td>
</tr>
<tr>
<td>FIBERLC-1RX-12G</td>
<td>$375</td>
<td>1-Channel 12G-SDI Single Mode LC Fiber Receiver</td>
</tr>
<tr>
<td>FIBERST-1TX-12G</td>
<td>$505</td>
<td>1-Channel 12G-SDI Single Mode ST Fiber Transmitter</td>
</tr>
<tr>
<td>FIBERST-1RX-12G</td>
<td>$505</td>
<td>1-Channel 12G-SDI Single Mode ST Fiber Receiver</td>
</tr>
</tbody>
</table>
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

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 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.
HDBaseT Camera System

**RovoCam**  $3,115
Integrated UltraHD/HD Camera with HDBaseT

- 4x 6G/3G-SDI UltraHD/HD SDI outputs
- 1x UltraHD/HD HDMI output
- DA Mode for distribution needs of HDBaseT sources
- 1x RCA stereo audio output
- 1x USB for firmware upgrades
- 1x RS-232 for RovoCam control
- 1x HDBaseT connector (RJ-45)
- Five year warranty

**RovoRx SDI**  $1,245
UltraHD/HD HDBaseT Receiver to 6G/3G-SDI and HDMI Frame Sync w/ PoH, Genlock

- 4x 6G/3G-SDI UltraHD/HD SDI outputs
- 1x UltraHD/HD HDMI output
- DA Mode for distribution needs of HDBaseT sources
- 1x RCA stereo audio output
- 1x USB for firmware upgrades
- 1x RS-232 for RovoCam control
- 1x HDBaseT connector (RJ-45)
- Five year warranty

**RovoRx HDMI**  $625
UltraHD/HD HDBaseT Receiver to HDMI with PoH

- 1x UltraHD/HD HDMI output
- 1x RCA stereo audio output
- 1x USB for firmware upgrades
- 1x RS-232 for RovoCam control
- 1x HDBaseT connector (RJ-45)
- Five year warranty

**RovoRx-HDMI Features**

- Control and configure software for Rovocam
- When RovoCam is in UltraHD Mode, RovoControl’s unique ePTZ feature allows the user to select a 1080p HD ROI (Region of Interest) frame from the UltraHD raster for 1080p 50 or 1080p 59.94 output with full Pan, Tilt and Zoom capabilities.
- Exposure control for simple camera control in the GUI
- Preset command and control with global, camera and ePTZ
- Import/Export of settings for sharing setups and configurations
- High DPI UI mode for GUI on high rez displays
- Crosshair selector for refined Spot AE and Spot Focus control
- Zoom control

**RovoCam Features**

- UltraHD up to 29.97p or high frame rate HD support up to 60p
- Sony back illuminated 1/2.3 type 8.9 megapixel CMOS sensor
- Video, audio, control, and power over standard Cat 5e/6 cable
- Three year warranty

**RovoControl Software Features**

Size (W x D x H): 71.12 x 149.86 x 91.44 mm

www.aja.com
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.