Converter Catalog
Winter 2019
## AJA Converter Catalog Contents

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Complete Range of Stand-Alone Converters

From production to post and live events, AJA Mini-Converters offer the most comprehensive range of compact, standalone 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 Quality – Guaranteed

AJA Converters have earned a reputation for the highest quality and best levels of reliability. Built to the exacting standards of all AJA hardware, AJA Converters are backed by our world class support network, Five year warranty, and AJA’s advanced replacement policy.

Universal Power Supply

All AJA Mini-Converters ship with a universal power supply that includes international plug connections for use around the world.

AJA Mini-Matrix

Find the Right AJA Converter for Any Situation

Information on the complete line of AJA Converters is now available as a mobile app on iOS. The AJA Converter product line is extensive, and this app helps you find the right Converter for any situation, wherever you are. Individual products have links back to the main AJA website for more details, and you can email product information directly from the app. The free AJA Mini-Matrix app for iPad and iPhone is available now in the Apple App Store.

USB and Mini-Config

Visual Configuration and Control

AJA’s free Mini-Config software can be used with any USB enabled AJA Mini-Converter and provides an easy to use graphic interface with detailed information about the current input and output formats. Control all the parameters of any supported AJA Mini-Converter as well as loading firmware updates from AJA that add new features and functionality.
AJA Hi5 and HA5 Mini-Converters for SDI to HDMI or HDMI to SDI conversion are amongst the most popular AJA converters in AJA’s lineup. AJA HDMI Mini-Converters offer support for raster sizes all the way from SD and HD to 4K/ UltraHD, as well as connections for the latest 12G-SDI and HDMI standards.

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

**Hi5-12G** $795
12G-SDI to HDMI 2.0 Conversion
- Pristine image fidelity and HFR support up to 60p for 4K/UltraHD 12G-SDI to HDMI 2.0 conversion with a single cable
- Generates HDR10 metadata in accordance with HDMI v2.0/CTA-861-G and supports HLG over HDMI
- Provides a monitoring connection from professional 4K devices using 12G-SDI over coaxial or Fiber LC outputs to new displays with HDMI 2.0 inputs, for cost effective monitoring
- 12G-SDI single link input with a reclocked SDI loop out for simpler SDI confidence monitoring or pass on for SDI pipelines
- Configure via USB port and supplied Mini-Config software

**Hi5-12G-TR** $1195
12G-SDI to HDMI 2.0 Conversion with Fiber SFP Transceiver
- Pristine image fidelity and HFR support up to 60p for 4K/UltraHD 12G-SDI to HDMI 2.0 conversion with a single cable
- Generates HDR10 metadata in accordance with HDMI v2.0/CTA-861-G and supports HLG over HDMI
- Simple monitoring connection from professional 4K devices using 12G-SDI outputs to new displays with HDMI 2.0 inputs, for cost effective monitoring
- Features a 12G-SDI single link input with a reclocked SDI loop out and includes a Fiber LC single channel SFP transceiver which delivers a 4K/UltraHD SDI or Fiber source signal to an HDMI destination with pass on of the source through SDI or Fiber to a secondary destination
- Ships with a Fiber LC single channel SFP transceiver for extending 4K signals over long distances
- Configure via USB port and supplied Mini-Config software

**Hi5-12G-R** $995
12G-SDI to HDMI 2.0 Conversion with Fiber SFP Receiver
- Pristine image fidelity and HFR support up to 60p for 4K/UltraHD 12G-SDI to HDMI 2.0 conversion with a single cable
- Generates HDR10 metadata in accordance with HDMI v2.0/CTA-861-G and supports HLG over HDMI
- Provides a monitoring connection from professional 4K devices using 12G-SDI over coaxial or Fiber LC outputs to new displays with HDMI 2.0 inputs, for cost effective monitoring
- 12G-SDI single link input with a reclocked SDI loop out for simpler SDI confidence monitoring or pass on for SDI pipelines
- Ships with a Fiber LC single channel SFP receiver for extending 4K signals over long distances
- Configure via USB port and supplied Mini-Config software

**Hi5-4K-Plus** $595
4K/UltraHD-SDI to Full HDMI 2.0 Conversion
- Convert quad 3G-SDI to HDMI 2.0 up to 4K/UltraHD 60p
- Fully supports HDMI v2.0 to the maximum 18 Gbps for 4K/UltraHD 50/59.94/60 4:2:2/4:4:4
- HDR support with HDR10 and HLG
- Supports Quad 3G & 1.5G/Dual Link 3G/3G-SDI
- Supports both quadrant (square division) and 2SI (two sample interleave) 4K mapping
- Embedded audio support 8-channel 24-bit
- Configure via USB port and supplied Mini-Config software
**HA5-12G - $995**

HDMI 2.0 to 12G-SDI Mini-Converter, Models Available with Included Fiber SFPs

- Convert HDMI 2.0b up to 4K/UltraHD 60p to 12G-SDI with a second mirrored output
- Supports up to 60p input at 4:4:4/4:2:2/4:2:0
- HDMI EDID Emulation
- Two Sample Interleave (2SI) 4K/UltraHD source mapping
- Analyzes HDR Infoframe data coming in over HDMI in accordance with HDMI v2.0b/CTA-861-G
- HDR Infoframe decoder as defined in CTA-861-G and HDMI v2.0b
- Embedded audio can be selected from the HDMI or Analog audio inputs
- The Lock LED adjacent to the HDMI input connector indicates by color the detected signal type. Off is no signal, green is SD-SDI, red is HD-SDI, amber is 3G-SDI, purple is 6G-SDI, and blue is 12G-SDI.
- Configure via USB port and supplied Mini-Config software

**HA5-4K - $595**

4K/UltraHD HDMI to 4K/UltraHD SDI Mini-Converter

- Supports HDMI 2.0 up to 4K/UHD 60p
- 4K/UltraHD conversion to quad or dual 3G SDI out
- 3G or HD conversion to single 3G SDI out
- Supports quadrant (square division) and 2SI (two sample interleave) 4K mapping
- 2-channel embedded audio
- Lock LED shows type of input source, SD (green), HD (red), or 4K/UltraHD (orange)
- Configure via USB port and supplied Mini-Config software
Hi5-Plus $395
3G-SDI to HDMI Mini-Converter with Embedded Audio
- 3G-SDI to HDMI 1.4
- Easily integrate HDMI devices into SDI workflows
- 3G capability for high data rate signals
- Compact size fits easily in small spaces
- 16-channel embedded SDI and 8-channel HDMI audio
- 2-channel RCA analog audio output
- Configure via USB port and supplied Mini-Config software

Hi5-3G $595
3G-SDI/Dual Link SDI to HDMI 1.3a Video and Audio Mini-Converter
- 3G/Dual Link/HD/SD-SDI to HDMI
- Additional 2-channel RCA analog audio output (User assignable channels)
- Full HDMI 1.3a support including:
  - Deep color 30 and 36-bit video per pixel (24-bit also supported)
  - 2 or 8-channels of embedded audio
- 1m HDMI cable supplied
- Configure via USB port and supplied Mini-Config software

Hi5-3D $495
Dual HD-SDI Multiplexer to HDMI 1.4a and SDI Video and Audio Mini-Converter
- HD-SDI to HDMI 1.4a with additional SDI output
- Non 3D HD/SD-SDI pass through to HDMI
- 10-bit HDMI 1.4a support including 3D and embedded audio
- Additional 2-channel RCA jack audio output
- Configure via USB port and supplied Mini-Config software

HA5-Plus $395
HDMI to 3G-SDI Mini-Converter with Embedded Audio
- HDMI to 3G/HD/SD-SDI
- Full HDMI support including embedded audio
- Equalized HDMI input supports long HDMI cables up to 30m, 24 gauge
- PLL clock filtering for low jitter SDI outputs
- Lock LED shows type of input source, SD (green) or HD (red)
- HDMI v1.2 standard
- 1m HDMI cable included
- Configure via USB port and supplied Mini-Config software
HDMI | Mini-Converters

Hi5-Fiber $695
3G-SDI over Fiber to HDMI Video and Audio Mini-Converter
- Fiber optic HD/SD-SDI to HDMI up to 10 km (32,808 ft)
- Supports single mode 1310 nm fiber optic cable with ST receiver
- Full HDMI support including embedded audio
- Additional 2-channel RCA jack audio output
- No configuration necessary
- HDMI v1.2 standard
- 1m HDMI cable included
- Update via USB port

View Online

HA5-Fiber $695
HDMI to 3G-SDI over Fiber Video and Audio Mini-Converter
- HDMI to 3G-SDI over fiber up to 10 km (32,808 ft)
- Supports single mode 1310 nm fiber optic cable with ST transmitter
- Full HDMI input support including embedded audio
- Additional 2-channel RCA style analog audio (-10dBu nominal) input
- No configuration necessary
- 1m HDMI cable included
- Update via USB port

View Online

Hi5 $345
HD/SD-SDI to HDMI Mini-Converter with Embedded Audio
- HD/SD-SDI to HDMI
- Full HDMI support including embedded audio
- Additional 2-channel RCA jack audio output
- Equalized looping HD/SD-SDI output
- No configuration necessary
- HDMI v1.2 standard
- 1m HDMI cable included

View Online

HA5 $345
HDMI to HD-SDI/SD-SDI Mini-Converter with Embedded Audio
- HDMI to HD/SD-SDI
- Full HDMI support including embedded audio
- Equalized HDMI input supports long HDMI cables up to 30m, 24 gauge
- PLL clock filtering for low jitter HD/SD-SDI outputs
- Lock LED shows type of input source, SD (green) or HD (red)
- HDMI v1.2 standard
- 1m HDMI cable included

View Online
AJA's HDBaseT line of Mini-Converters offer an easy solution for extending video signals up to 100 meters over Cat 5 (or better) cable, utilizing the industry standard HDBaseT protocol. Bidirectional IR and RS-232 for device control are also supported, making these Mini-Converters ideal in a variety of scenarios including fixed installation AV, digital signage, live events, postproduction/network/studio environments and on-set.

**AJA Mini-Matrix:** Converter Search Software
[www.aja.com/software/mini-matrix](http://www.aja.com/software/mini-matrix)

**HB-T-HDMI $395**
HDMI to HDBaseT Mini-Converter
- HDBaseT 4K/UltraHD Signal Extender
- Converts UltraHD, 4K or HD HDMI to HDBaseT
- Extend uncompressed 4K or HD HDMI signal up to 100m over Cat 5 (or better)
- Wide support for VESA (Computer) formats and DVI compatibility (with adapter)
- IR IN and OUT
- RS-232 device control connection

**HB-T-SDI $595**
SDI to HDBaseT Converter
- HDBaseT HD/SD Signal Extender
- Converts SDI to HDBaseT
- Extend HD/SD-SDI signal up to 100m over Cat 5 (or better)
- Wide support for VESA (Computer) formats and DVI compatibility (with adapter)
- IR IN and OUT
- RS-232 device control connection

**HB-R-HDMI $395**
HDBaseT to HDMI Mini-Converter
- HDBaseT 4K/UltraHD Signal Extender
- Converts HDBaseT to HDMI
- Extend uncompressed 4K or HD HDMI signal up to 100m over Cat 5 (or better)
- Wide support for VESA (Computer) formats and DVI compatibility (with adapter)
- IR IN and OUT
- RS-232 device control connection

**HB-R-SDI $595**
HDBaseT to SDI Converter
- HDBaseT HD/SD Signal Extender
- Converts HDBaseT to SDI
- Extend HD/SD-SDI signal up to 100m over Cat 5 (or better)
- Wide support for VESA (Computer) formats and DVI compatibility (with adapter)
- IR IN and OUT
- RS-232 device control connection

[View Online](#)
**RovoRx-SDI** $995
HDBaseT to 6G/3G-SDI and HDMI Converter with PoH, Genlock
- HDBaseT 4K/8K Signal Extender
- Converts HDBaseT to HDMI
- Extend uncompressed 4K or HD HDMI signal up to 100m over Cat 5 (or better)
- Wide support for VESA (Computer) formats and DVI compatibility (with adapter)
- IR IN and OUT
- RS-232 device control connection
- Designed for the AJA RovoCam

**RovoRx-HDMI** $495
HDBaseT to HDMI Converter with PoH
- HDBaseT 4K/8K Signal Extender
- Converts UltraHD, 4K or HD HDMI to HDBaseT
- Extend uncompressed 4K or HD HDMI signal up to 100m over Cat 5 (or better)
- Wide support for VESA (Computer) formats and DVI compatibility (with adapter)
- IR IN and OUT
- RS-232 device control connection
- Designed for the AJA RovoCam
AJA Scaling converters provide high quality conversion for an entire source image for a range of needs, whether from 4K to HD, up, down or cross-conversion between SD and HD formats or even HD to DVI conversion for driving DVI monitors from video sources.

**AJA Mini-Matrix**: Converter Search Software

www.aja.com/software/mini-matrix

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**HDP3** $695

3G-SDI to DVI-D and Audio Converter
- 3G-SDI to DVI-D supports up to 1080p60
- Automatically adapts to popular LCD/DLP/Plasma monitors (and projectors) up to 1920 x 1200 and 1080p
- High quality scaling engine for proper display of 4:3 or 16:9 content
- 1:1 scaling for suitable monitor configurations
- 1:1 pixel mapping when selected
- 2-channel RCA analog audio output (user assignable channels)
- SDI and component/composite analog outputs
- 3:2 pulldown for 1080p 23.98 and 1080psf 23.98 inputs
- Full 10-bit data path, multipoint interpolation
- Configurable for 16:9 or 4:3 monitors
- Letterbox and crop modes
- 4:3 safe area graticule
- Passes 8-channel embedded audio, 4-channel on down-convert
- External DIP switch configuration
- Configure via USB port and supplied Mini-Config software

**UDC** $695

Up, Down, Cross-Converter
- Converts between 3G, HD, and SD formats
- Supports 1080p50, 60
- Very high quality conversions
- Built-in frame synchronizer
- 8-channel embedded audio
- HDMI output with 8-channel audio
- 2-channel RCA analog audio output
- Reference input
- Configure via USB port and supplied Mini-Config software

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**4K2HD** $795

4K/UltraHD to HD Down-Converter
- Down-conversion to support 4K on HD-SDI and HDMI devices
- Supports HDMI v1.4 up to 1080p 59.94, 60 4:2:0
- 4K/UltraHD inputs using quad or dual 3G SDI
- Supports 3G/Dual Link/HD-SDI/SDI
- Simultaneous SDI and HDMI outputs
- True 4K downscaled and cropped for HD output
- Center cut of original 4K frame supported for focus checks
- Supports quadrant (square division) and two sample interleave 4K mapping
- Configure via USB port and supplied Mini-Config software

**HD10MD4** $995

HD/SD-SDI to SDI/Analog Down-Converter
- Broadcast quality 10-bit HD to SD down-converter
- Multi-standard HD-SDI or SDI Input
- Equalized loop through HD/SD-SDI output
- SDI and component/composite analog outputs
- 3:2 pulldown for 1080p 23.98 and 1080psf 23.98 inputs
- Full 10-bit data path, multipoint interpolation
- Configurable for 16:9 or 4:3 monitors
- Letterbox and crop modes
- 4:3 safe area graticule
- Passes 8-channel embedded audio, 4-channel on down-convert
- External DIP switch configuration
- Configure via USB port and supplied Mini-Config software
AJA’s Infrastructure Mini-Converters provide a wide range of options for common infrastructure and point of use needs. Explore your options for Distribution Amplification, Audio Embedding/Disembedding, Audio Digital to Analog and Analog to Digital conversion, Multiplexing and Sync Generation with support for blackburst, bi-level, tri-level and equalization.

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

**12GDA $495**
12G/HD/SD-SDI Reclocking Distribution Amplifier
- Compact 12G-SDI distribution
- Six separately reclocked outputs
- Support for HDR – High Dynamic Range video
  - 12G cable equalization (1694 coax)
  - 12 Gbps, 70m
  - 6 Gbps, 100m
  - 3 Gbps, 140m
  - 1.5 Gbps, 200m
  - 270 Mbps, 300m
- 12G/6G/3G/HD-SDI input, autosensing
- Passes all ancillary data

**12GDA**
12G-SDI to/from SDI Muxer/Demuxer
- Compact 12G-SDI to/from quad-link 3G-SDI conversion and 6G-SDI to/from quad-link 1.5G-SDI
- SMPTE 2082 inputs and outputs configurable to SMPTE 425 inputs and outputs
- Two Sample Interleave (2SI) to Square Division (Quadrant) pixel mapping
- Square Division (Quadrant) to Two Sample Interleave (2SI) pixel mapping
- Input signal diagnostics
- Input timing analyzer for quad-link signals
- Configurable as a 1x4 DA for 12G, 6G, 3G and 1.5G bit rates
- Automatic input equalization and output reclocking

**3G-AM $795**
3G-SDI 8-channel AES Embedder/Disembedder
- 3G-SDI embedder/disembedder
- 8-channel AES I/O
- Supplied breakout cables for balanced AES - XLR connectors
- Configure via USB port and supplied Mini-Config software

**3G-AMA $795**
3G-SDI Analog Audio Embedder/Disembedder
- 3G-SDI embedder/disembedder
- 4-channel balanced analog audio I/O
- Supplied XLR breakout cable
- Configure via USB port and supplied Mini-Config software

**3G-AM**
3G-SDI embedder/disembedder
- 4-channel balanced analog audio I/O
- Supplied XLR breakout cable
- Configure via USB port and supplied Mini-Config software
**INFRASTRUCTURE | Mini-Converters**

**3GDA $395**
1x6 3G/HD/SD Reclocking Distribution Amplifier
- Compact SD/HD distribution
- Six separately buffered outputs
- Support for SDR – Standard Dynamic Range video
- 3G cable equalization (1694 coax)
- SD: 270m, 350m, HD: 1.5G, 200m
- 3G/HD/SD-SDI input, autosensing
- Passes all ancillary data

**ADA4 $390**
4-channel Bidirectional Audio A/D and D/A Converter
- 4 Simultaneous A/D and D/A, or AES Synchronizer
- Full time AES11 low jitter reference output
- Up to 4-channels of balanced analog to AES/EBU audio
- Up to 4-channels of AES/EBU to balanced analog audio
- Supplied XLR breakout cable AES11/wordclock/tri-level sync
- Color black reference loop
- Adjustable audio levels
- Sample rate conversion between 96 kHz and 48 kHz DIP switch configuration
- Breakout Cable included

**3GM $495**
3G/1.5G HD-SDI Multiplexer
- Compact 3G to/from 1.5G conversion
- SMPTE 425M-AB inputs, 3G outputs configurable to A or B
- Converts SMPTE 425M A to/from SMPTE 425M B
- Provides SMPTE 292 monitor output for dual 1.5G or 3G inputs
- Fully equalizing and reclocking with jitter attenuation
- If SMPTE 292M is input, all outputs are 1.5G SMPTE 292M

**3GDA $395**
1x6 3G/HD/SD Distribution Amplifier
- NTSC
- PAL
- May be used to distribute tri-level sync when sync is fed into the Video Input for HD workflows
- 1 Analog, differential, 1x BNC Input
- 6 analog, 6x BNC outputs
- Gain: 3dB, -2dB, -1dB, 0dB, +1dB, +2dB, or +3dB, +/- 0.3dB

**C10DA $175**
Analog Video 1x6 Distribution Amplifier
- Compact 1x6 analog DA
- NTSC
- PAL
- May be used to distribute tri-level sync when sync is fed into the Video Input for HD workflows
- 1 Analog, differential, 1x BNC Input
- 6 analog, 6x BNC outputs
- Gain: 3dB, -2dB, -1dB, 0dB, +1dB, +2dB, or +3dB, +/- 0.3dB
INFRASTRUCTURE | Mini-Converters

FS-Mini $695
Utility Frame Synchronizer
- Supports bi-level and tri-level references
- High quality 10-bit video processing
- Low latency processing, nominal video delay of 1 frame
- Up, down, cross-conversion between 3G, HD, and SD video formats
- Freeze (on input signal loss) to black or last good frame
- Configure via USB port and supplied Mini-Config software

GEN10 $345
HD/SD Sync Generator
- HD bi-level/tri-level sync generation
- SD Color Black or Color Bars
- Two groups of independently switchable outputs allow simultaneous HD and SD sync generation
- AES-11 output switchable between silence and tone
- Multiple outputs can synchronize entire systems without requiring a sync DA

HD5DA $195
1x4 HD/SD-SDI Distribution Amplifier/Repeater
- Compact HD-SDI/SDI Distribution
- Four separately buffered HD-SDI/SDI outputs
- Auto equalization
- Beldon 1694 cable, HD 125m, SD 300m
- Acts as low cost repeater
- Automatic multi-standard 143/177/270 Mb, 1.5 Gb
- Miniature size

View Online | View Online
AJA’s Analog Mini-Converters provide simple, convenient solutions for Analog to Digital and Digital to Analog conversion for both Video and Audio, including support for composite, component and HD Analog to HD Digital conversion.

**AJA Mini-Matrix:** Converter Search Software

www.aja.com/software/mini-matrix

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**HD10A-Plus $695**

**HD Analog to HD-SDI Converter**

- High quality 10-bit HDTV A/D Conversion
- Full bandwidth component HD RGB or YPbPr input
- 3 HD-SDI Outputs
- Multi-standard
- SD mode support
- Internal or external sync
- External DIP switch configuration

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**HD10AVA $695**

**HD/SD Analog Composite or Component Video and 4-channel Analog Audio to HD/SD-SDI with Embedded Audio**

- Converts HD or SD analog video to SDI
- Converts and embeds analog audio
- Compact size fits easily in small spaces
- Breakout cable included

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**HD10CEA $695**

**HD/SD-SDI to Analog Audio/Video**

- Digital to analog audio and video converter
- SD/HD-SDI with embedded audio input
- SD component or composite video outputs (SD Input) HD
- Component video outputs (HD Input)
- 4-channel balanced audio output
- Two equalized, loop through SD/HD-SDI outputs
- Selectable audio channel pair/group
- Breakout cable included

*Note: The HD10CEA does not up or down-convert between HD and SD*
V2Digital $345
Analog Video to HD/SD-SDI Converter
- 10-bit AJA quality analog to digital conversion
- Low power, compact size
- YPbPr/RGB component or composite input
- HD/SD-SDI output
- Configure via USB port and supplied Mini-Config software
Note: V2Digital does not up or down-convert between SD and HD resolutions. Only analog to digital signal conversion is supported.

V2Analog $345
HD/SD-SDI to Analog Video Converter
- 10-bit AJA digital to analog conversion
- Low power, compact size
- HD/SD-SDI input
- YPbPr/RGB component or composite output
- Configure via USB port and supplied Mini-Config software
Note: V2Analog does NOT up-convert and/or down-convert between SD and HD resolutions. Only digital to analog signal conversion is supported.
AJA IP Mini-Converters are designed for the transport, reception, and decoding of IP video. Models are available for either SMPTE ST 2110 uncompressed video and audio over IP with 10 GigE connectivity or JPEG 2000 TR-01 video and audio over 1 GigE.

Rugged, quiet, and compact, these practical Mini-Converters provide the bridge between baseband and IP video for a range of applications.

**AJA Mini-Matrix: Converter Search Software**
[www.aja.com/software/mini-matrix](http://www.aja.com/software/mini-matrix)

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**IPR-10G2-SDI $1295**

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

- SMPTE ST 2110 audio, video transmitter
- 1x full size (standard type A) HDMI 1.4b input
- Supports up to 1080 60p, 4:2:2, 10-bit, YCbCr
- 2x 10 GigE SFP+ cages for media LAN (providing support for ST 2022-7 Hitless Switching) with status light
- 1x 1 GigE RJ45 socket for control LAN with status light
- NMOS and Ember+ support
- 2x RCA analog audio input
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software
- Complete setup and control interface on any web browser from a built-in web server

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**IPR-10G2-HDMI $1295**

SMPTE ST 2110 IP Video and Audio to HDMI Converter

- SMPTE ST 2110 audio, video receiver
- HDMI Output with full size HDMI 1.4b video port
- Supports up to UltraHD 50p/1080 60p, 4:2:2, 10-bit, YCbCr
- 2x 10 GigE SFP+ cages for media LAN (providing support for ST 2022-7 Hitless Switching) with status light
- 1x 1 GigE RJ45 socket for control LAN with status light
- NMOS and Ember+ support
- Embedded HDMI audio output (up to eight channels)
- 2x RCA analog audio output
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software
- Complete setup and control interface on any web browser from a built-in web server

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**IPT-10G2-SDI $1295**

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

- SMPTE ST 2110 audio, video transmitter
- 1x 3G-SDI input, 1x 3G-SDI loop through out
- Supports up to 1080 60p, 4:2:2, 10-bit, YCbCr
- 2x 10 GigE SFP+ cages for media LAN (providing support for ST 2022-7 Hitless Switching) with status light
- 1x 1 GigE RJ45 socket for control LAN with status light
- NMOS and Ember+ support
- 2x RCA analog audio input
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software
- Complete setup and control interface on any web browser from a built-in web server

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**IPT-10G2-HDMI $1295**

HDMI to SMPTE ST 2110 IP Video and Audio Converter

- SMPTE ST 2110 audio, video receiver
- 2x full size (standard type A) HDMI 1.4b input
- Supports up to UltraHD 50p/1080 60p, 4:2:2, 10-bit, YCbCr
- 2x 10 GigE SFP+ cages for media LAN (providing support for ST 2022-7 Hitless Switching) with status light
- 1x 1 GigE RJ45 socket for control LAN with status light
- NMOS and Ember+ support
- 2x RCA analog audio input
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software
- Complete setup and control interface on any web browser from a built-in web server
**IP | Mini-Converters**

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**IPT-1G-SDI $995**

3G-SDI Video and Audio to JPEG 2000 IP Converter

- 1x 3G-SDI BNC input with 4:2:2 10-bits/pixel
- 1x 3G-SDI BNC loop through out with 4:2:2 10-bits/pixel
- Essence support: VSF TR-01 JPEG 2000 MPEG-2 TS workflows
- Rugged, quiet and compact
- Audio input via embedded 3G-SDI or analog RCA (selectable)
- Full 10-bit pixel processing pipeline
- Network (LAN) control and status
- Quick network setup with AJA eMini-Setup software

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**IPT-1G-HDMI $995**

HDMI Video and Audio to JPEG 2000 IP Converter

- 1x Full size HDMI 1.4b input 4:2:2, 10-bits/pixel
- Essence support: VSF TR-01 JPEG 2000 MPEG-2 TS workflows
- Rugged, quiet and compact
- Audio input via embedded HDMI or analog RCA (selectable)
- Full 10-bit pixel processing pipeline
- Network (LAN) control and status
- Quick network setup with AJA eMini-Setup software

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**IPR-1G-SDI $795**

JPEG 2000 IP Video and Audio to 3G-SDI Converter

- 1x RJ-45 (IEC 60603-7) for 1 GigE Ethernet media input
- Essence support: VSF TR-01 JPEG 2000 MPEG-2 TS workflows
- Rugged, quiet and compact
- 2x 3G-SDI BNC output with 4:2:2 10-bits/pixel
- Embedded and analog audio outputs
- Full 10-bit pixel processing pipeline
- Network (LAN) control and status
- Quick network setup with AJA eMini-Setup software

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**IPR-1G-HDMI $795**

JPEG 2000 IP Video and Audio to HDMI Converter

- 1x RJ-45 (IEC 60603-7) for 1 GigE Ethernet media input
- Essence support: VSF TR-01 JPEG 2000 MPEG-2 TS workflows
- Rugged, quiet and compact
- Full size HDMI 1.4 video output
- Embedded and analog audio outputs
- Full 10-bit pixel processing pipeline
- Network (LAN) control and status
- Quick network setup with AJA eMini-Setup software

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The ROI family of scan converters allow exceptionally high quality conversion of computer and video signals, including Region of Interest extraction from DVI, DP, HDMI and 3G-SDI sources for scaling and conversion to 3G-SDI and/or HDMI baseband video. With incredible image scaling and rotation, aspect ratio and frame rate conversion, ROI fulfills the need to scale sources to a desired resolution, all in real time.


**ROI-DVI $995**

DVI to 3G-SDI Scan Converter with Region of Interest
- Convert computer signals to professional SDI video, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied software
- Frame rate conversion
- Automatic input detection and configuration
- 3G/HD/SD-SDI output support for common SD and HD formats
- 4:3/16:9 conversion modes supported
- Embedded SDI audio output
- Reference input
- 3.5mm analog audio input embedded into SDI output
- Easy user control via USB
- Loop through DVI-D connector
- Configure via USB port and supplied Mini-Config software

**ROI-HDMI $995**

HDMI to 3G-SDI Scan Converter with Region of Interest
- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied software
- Frame rate conversion
- Automatic input detection and configuration
- 3G/HD/SD-SDI output support for common SD and HD formats
- 4:3/16:9 conversion modes supported
- Embedded SDI audio output
- Reference input
- 3.5mm analog audio input embedded into SDI output
- Easy user control via USB
- Loop through HDMI connector
- Configure via USB port and supplied Mini-Config software

**ROI-SDI $995**

3G-SDI to HDMI/3G-SDI Scan Converter with Region of Interest
- Convert 3G-SDI to 3G-SDI and HDMI conversion, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied software
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalers
- Rotation, Horizontal and Vertical flip controls
- 4:3/16:9 conversion modes supported
- Reference input
- 2-channel RCA analog audio output
- Easy user control via USB
- 3G-SDI loop through with Audio embedding connector
- Configure via USB port and supplied Mini-Config software

**ROI-DP $995**

Display Port to 3G-SDI Scan Converter with Region of Interest
- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied software
- Frame rate conversion
- Automatic input detection and configuration
- 3G/HD/SD-SDI output support for common SD and HD formats
- 4:3/16:9 conversion modes supported
- Embedded SDI audio output
- Reference input
- 3.5mm analog audio input embedded into SDI output
- Easy user control via USB
- Loop through DisplayPort connector
- Configure via USB port and supplied Mini-Config software
LUT-box | Mini-Converter

Load 3D LUTs into LUT-box to adjust the color look for any source signal with simultaneous outputs to HD HDMI and SDI monitors from a single LUT-box.

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

LUT-box $695

In-Line Color Transform
• Ensure proper image monitoring on-set or in the studio
• Simultaneous SDI and HDMI outputs
• 3D LUT support at 17x17x17
• +5 to 20V DC regulated, 8 watts max
• 12-bit processing
• 16-channel embedded SDI and 8-channel HDMI audio
• 2-channel RCA analog audio output
• Configure via USB port and supplied Mini-Config software

View Online

Mini-Connect | Mini-Converter

The AJA Mini-Connect device enables control of up to 4 USB-enabled AJA ROI Mini-Converters over a single Ethernet connection. Mini-Connect integrates with your existing Ethernet network to provide access using any web browser for easy configuration and control of ROI Mini-Converters anywhere in your facility.

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

Mini-Connect $345

Control AJA ROI Mini-Converters via Ethernet
• Remote control of AJA ROI Devices via Ethernet
• Connect up to 4 USB enabled AJA ROI Mini-Converters
• Integrated web server
• Web-based interface, accessible from any connected web browser on any platform

View Online
Single, Dual, and Quad Channel SDI/Fiber Converters

FiDO is a family of SDI/Optical Fiber extenders. FiDO allows the transport of 12G/3G/HD/SD-SDI over distances up to 10km when using standard Single Mode fiber optic cable with Single Mode models.

Choose LC, ST, or SC connectors, depending on the converter model. CWDM SFP options are available for FiDO-2T-X and FiDO-4T-X models. Configure as appropriate with the SFP configurator.

FiDO converters meet all relevant SMPTE specifications and are rugged, versatile, and suitable for a variety of applications.

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

Models:

- **FiDO-TR-12G**: 12G-SDI/LC Fiber transceiver
- **FiDO-T-12G**: Single channel 12G-SDI to LC Fiber converter, with looping SDI output
- **FiDO-R-12G**: Single channel LC Fiber to 12G-SDI converter, with dual SDI outputs
- **FiDO-2T-12G**: Dual channel 12G-SDI to LC Fiber converter
- **FiDO-2R-12G**: Dual channel LC Fiber to 12G-SDI converter
- **FiDO-TR**: SDI/LC Fiber transceiver
- **FiDO-TR-MM**: Multi-Mode SDI/LC Fiber transceiver
- **FiDO-T**: Single channel SDI to LC Fiber converter, with looping SDI output
- **FiDO-T-MM**: Multi-Mode single channel SDI to LC Fiber converter, with looping SDI output
- **FiDO-R**: Single channel LC Fiber to SDI converter, with dual SDI outputs
- **FiDO-R-MM**: Multi-Mode single channel LC Fiber to SDI converter, with dual SDI outputs
- **FiDO-2T**: Dual channel SDI to LC Fiber converter
- **FiDO-2T-MM**: Multi-Mode dual channel SDI to LC Fiber converter
- **FiDO-2R**: Dual channel LC Fiber to SDI converter
- **FiDO-2R-MM**: Multi-Mode dual channel LC Fiber to SDI converter
- **FiDO-4T**: Quad channel SDI to LC Fiber converter
- **FiDO-4T-MM**: Multi-Mode quad channel SDI to LC Fiber converter
- **FiDO-4R**: Quad channel LC Fiber to SDI converter
- **FiDO-4R-MM**: Multi-Mode quad channel LC Fiber to SDI converter
- **FiDO-T-SC**: Single channel SDI to SC Fiber converter, with looping SDI output
- **FiDO-R-SC**: Single channel SC Fiber to SDI converter, with dual SDI outputs
- **FiDO-T-ST**: Single channel ST Fiber to SDI converter, with dual SDI outputs
- **FiDO-R-ST**: Single channel ST Fiber to SDI converter, with dual SDI outputs
- **FiDO-2T-ST**: Quad channel SDI to ST Fiber converter
- **FiDO-4T-ST**: Quad channel SDI to ST Fiber converter
- **FiDO-4R-ST**: Quad channel ST Fiber to SDI converter
OPTICAL FIBER | Mini-Converters

FiDO is a family of SDI/Optical Fiber extenders. FiDO allows the transport of 12G/3G/HD-SDI over distances up to 10km when using standard Single Mode fiber optic cable with Single Mode models. Multi-Mode models are available. Choose LC, ST, or SC connectors, depending on the converter model.

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

FiDO-T-12G $785
1-channel 12G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out
- Simplex connection (LC connector)
- 12G/3G/HD-SDI input
- Support for HDR – High Dynamic Range video
- Reclocked loop through of SDI input

View Online

FiDO-R-12G $785
1-channel Single Mode LC Fiber to 12G-SDI Receiver, with Dual SDI Out
- Simplex connection (LC connector)
- 12G/3G/HD-SDI OUTPUT
- Support for HDR – High Dynamic Range video
- Second SDI output (DA: same signal)
- Dual, matching SDI outputs

View Online

FiDO-2T-12G $1325
2-channel 12G-SDI to Single Mode LC Fiber Transmitter
- 2 simplex or 1 duplex connection (LC connector)
- 2 independent channels of 12G/3G/HD-SDI inputs
- Support for HDR – High Dynamic Range video
- Both SDI-to-Fiber paths are completely independent

View Online

FiDO-R-2T-12G $1325
2-channel Single Mode LC Fiber to 12G-SDI Receiver
- 2 simplex or 1 duplex connection (LC connector)
- 2 independent channels of 12G/3G/HD-SDI INPUTS
- Support for HDR – High Dynamic Range video
- Both Fiber-to-SDI paths are completely independent

View Online

FiDO-TR-12G $1325
1-channel 12G-SDI/LC Single Mode LC Fiber Transceiver
- Duplex connection (LC connector)
- 12G/3G/HD-SDI INPUT and OUTPUT
- Support for HDR – High Dynamic Range video
- Bidirectional, dual channel fiber

View Online
## OPTICAL FIBER

### Mini-Converters

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FiDO-TR</td>
<td>$645</td>
<td>1-channel 3G-SDI/LC Single Mode LC Fiber Transceiver</td>
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<tr>
<td></td>
<td></td>
<td>• 1-channel 3G-SDI/LC Single Mode LC Fiber Transceiver</td>
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<td>• Duplex connection (LC connector)</td>
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<td></td>
<td></td>
<td>• 3G/HD/SD-SDI input and output</td>
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<tr>
<td></td>
<td></td>
<td>• Bidirectional, dual channel fiber</td>
</tr>
<tr>
<td>FiDO-TR-MM</td>
<td>$890</td>
<td>1-channel 3G-SDI/LC Multi-Mode LC Fiber Transceiver</td>
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<tr>
<td></td>
<td></td>
<td>• Duplex connection (LC connector)</td>
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<tr>
<td></td>
<td></td>
<td>• 3G/HD/SD-SDI input and output</td>
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<tr>
<td></td>
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<td>• Bidirectional, dual channel fiber</td>
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<tr>
<td>FiDO-T</td>
<td>$445</td>
<td>1-channel 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out</td>
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<tr>
<td></td>
<td></td>
<td>• Simplex connection (LC connector)</td>
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<td></td>
<td></td>
<td>• 3G/HD/SD-SDI input</td>
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<tr>
<td></td>
<td></td>
<td>• Looping SDI output</td>
</tr>
<tr>
<td>FiDO-T-MM</td>
<td>$690</td>
<td>1-channel 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out</td>
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<tr>
<td></td>
<td></td>
<td>• Simplex connection (LC connector)</td>
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<tr>
<td></td>
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<td>• 3G/HD/SD-SDI input</td>
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<td></td>
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<td>• Looping SDI output</td>
</tr>
<tr>
<td>FiDO-R</td>
<td>$445</td>
<td>1-channel Single Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Out</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Simplex connection (LC connector)</td>
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<tr>
<td></td>
<td></td>
<td>• 3G/HD/SD-SDI output</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Dual, matching SDI outputs</td>
</tr>
<tr>
<td>FiDO-R-MM</td>
<td>$690</td>
<td>1-channel Multi-Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Out</td>
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<tr>
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<td></td>
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<td>• 3G/HD/SD-SDI output</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Dual, matching SDI outputs</td>
</tr>
</tbody>
</table>
OPTICAL FIBER | Mini-Converters

**FiDO-2T** $645
2-channel 3G-SDI to Single Mode LC Fiber Transmitter
- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI inputs
- Both SDI-to-Fiber paths are completely independent

**FiDO-2T-MM** $890
2-channel 3G-SDI to Multi-Mode LC Fiber Transmitter
- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI inputs
- Both SDI-to-Fiber paths are completely independent

**FiDO-2R** $645
2-channel Single Mode LC Fiber to 3G-SDI Receiver
- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI outputs
- Both Fiber-to-SDI paths are completely independent

**FiDO-2R-MM** $890
2-channel Multi-Mode LC Fiber to 3G-SDI Receiver
- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI outputs
- Both Fiber-to-SDI paths are completely independent

**FiDO-2T-X** $1,240
2-channel 3G-SDI to Single Mode LC Fiber Transmitter for CWDM SFPs
- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI inputs
- Both SDI-to-Fiber paths are completely independent

*Includes one CWDM SFP module*
**OPTICAL FIBER | Mini-Converters**

**FiDO-4T $1495**
4-channel 3G-SDI to Single Mode LC Fiber Transmitter
- 4 simplex or 2 duplex output connections (LC connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links

**FiDO-4R $1495**
4-channel Single Mode LC Fiber to 3G-SDI Receiver
- 4 simplex or 2 duplex input connections (LC connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links

**FiDO-4T-MM $1985**
4-channel 3G-SDI to Multi-Mode LC Fiber Transmitter
- 4 simplex or 2 duplex output connections (LC connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links

**FiDO-4R-MM $1985**
4-channel Multi-Mode LC Fiber to 3G-SDI Receiver
- 4 simplex or 2 duplex input connections (LC connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links

**FiDO-4T-X $2685**
4-channel 3G-SDI to Single Mode LC Fiber Transmitter for CWDM SFPs
- 4 simplex or 2 duplex output connections (LC connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links
*(Includes both CWDM SFP Modules)*
## OPTICAL FIBER | Mini-Converters

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>FiDO-T-SC</td>
<td>$445</td>
<td>1-channel 3G-SDI to Single Mode SC Fiber Transmitter, with SDI Loop Out</td>
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<tr>
<td></td>
<td></td>
<td>• Simplex connection (SC connector)</td>
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<tr>
<td></td>
<td></td>
<td>• 3G/HD/SD-SDI input</td>
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<tr>
<td></td>
<td></td>
<td>• Looping SDI output</td>
</tr>
<tr>
<td>FiDO-R-SC</td>
<td>$445</td>
<td>1-channel Single Mode SC Fiber to 3G-SDI Receiver, with Dual SDI Output</td>
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<tr>
<td></td>
<td></td>
<td>• Simplex connection (SC connector)</td>
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<td>• 3G/HD/SD-SDI output</td>
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<tr>
<td></td>
<td></td>
<td>• Dual, matching SDI outputs</td>
</tr>
<tr>
<td>FiDO-T-ST</td>
<td>$445</td>
<td>1-channel 3G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out</td>
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<tr>
<td></td>
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<td>• Simplex connection (ST connector)</td>
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<td>• 3G/HD/SD-SDI input</td>
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<td>• Looping SDI output</td>
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<tr>
<td>FiDO-R-ST</td>
<td>$445</td>
<td>1-channel Single Mode ST Fiber to 3G-SDI Receiver, with Dual SDI Outputs</td>
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<tr>
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<td>• 4 simplex input connection (ST connector)</td>
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<td></td>
<td>• 4 independent channels of 3G/HD/SD-SDI</td>
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<tr>
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<td>• 4K/UltraHD-SDI over 4 fiber links</td>
</tr>
<tr>
<td>FiDO-4T-ST</td>
<td>$1495</td>
<td>4-channel 3G-SDI to Single Mode ST Fiber Transmitter</td>
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<td></td>
<td>• 4 simplex output connection (ST connector)</td>
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<tr>
<td>FiDO-4R-ST</td>
<td>$1495</td>
<td>4-channel Single Mode ST Fiber to 3G-SDI Receiver</td>
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</tr>
</tbody>
</table>
**Optical Fiber** | Mini-Converters

**FiDO SFP Options**  From $445*  
Single Cases for CWDM transmitter SFPs are listed below.

When ordering AJA FiDOs for CWDM needs, please order the case as follows, all other FiDOs include Single Mode or Multi-Mode SFPs in price.

**Model case name for ordering:**
- FiDO-2T-X: $1240 (Includes CWDM SFP module)  Dual channel SDI to CDWM SFP*
- FiDO-4T-X: $2685 (Includes CWDM SFP module)  Quad channel SDI to CDWM SFP*

Configure at time of order with CWDM SFPs using AJA's SFP Configurator at www.aja.com/config

**Multi-Mode SFP Modules**
Single and Dual Channel LC Fiber; Transmitters, Receivers, and Transceivers

**CWDM SFP Modules**  $695  
Dual Channel LC Fiber Transmitters  
Configure at time of purchase with one of the available CWDM SFP modules. See the Wavelength chart for more info.

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIBERLC-TR-MM</td>
<td>$345</td>
<td>Single Multi-Mode LC 3G Fiber Transceiver SFP</td>
</tr>
<tr>
<td>FIBERLC-1TX-MM</td>
<td>$295</td>
<td>Single Multi-Mode LC 3G Fiber Tx SFP</td>
</tr>
<tr>
<td>FIBERLC-1RX-MM</td>
<td>$295</td>
<td>Single Multi-Mode LC 3G Fiber Rx SFP</td>
</tr>
<tr>
<td>FIBERLC-2TX-MM</td>
<td>$345</td>
<td>Dual Multi-Mode LC 3G Fiber Tx SFP</td>
</tr>
<tr>
<td>FIBERLC-2RX-MM</td>
<td>$345</td>
<td>Dual Multi-Mode LC 3G Fiber Rx SFP</td>
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</table>

<table>
<thead>
<tr>
<th>Wavelength 1</th>
<th>Wavelength 2</th>
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<tbody>
<tr>
<td>1271 nm</td>
<td>1291 nm</td>
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<tr>
<td>1311 nm</td>
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<td>1351 nm</td>
<td>1371 nm</td>
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<td>1391 nm</td>
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<td>1431 nm</td>
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<td>1471 nm</td>
<td>1491 nm</td>
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<td>1511 nm</td>
<td>1531 nm</td>
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<td>1551 nm</td>
<td>1571 nm</td>
</tr>
<tr>
<td>1591 nm</td>
<td>1611 nm</td>
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</tbody>
</table>

* CWDM SFP modules need to be configured using AJA SFP Configurator for FiDO-2T-X, FiDO-4T-X models and OG-FiDO-2T-X.
Mini-Converter | Accessories

DRM $590
Mini-Converter Rackmount Frame
The DRM is a 2RU high frame that can accommodate up to 12 of the smaller AJA Mini-Converters (D4 – D5 series and others of the same size), up to six of the larger AJA Mini-Converters (D10 or HD10 series), or a mixture of both. The DRM has a built-in 110/220V power supply with 12 connectors to provide 5V power directly to the Mini-Converters without the need for individual power supplies for each Mini-Converter.

The Following AJA Mini-Converter Types Can Be Installed in the DRM:
• D-Series
• HD-Series
• C-Series

The DRM includes a built-in power supply with connections for up to 12 converters to eliminate the need for individual power supplies. An optional front panel is also available.

NOTE: Due to heat, size and power requirements, AJA’s Mini-Converters that use 10 watts or more are not supported in the DRM frame.

DRM FCP $100
Rackmount Bracket
Optional front panel

DRM P/S $250
Spare Power Supply for DRM Frame
A spare power assembly for the DRM frame. ROHS compliant.

View Online
Mini-Converter | Accessories

**DWP-U-R1 $40**
Universal Power Supply
The DWP-U-R1 is an internationally compatible universal power supply included free of charge with all AJA Mini-Converters. With four interchangeable plug adapters, the DWP-U-R1 can be used virtually anywhere in the world. A molded, latching, circular connector with gold pins ensures the DWP meets the high reliability requirements of the professional video industry.

**PWR-CABLE $65**
P-TAP to 2x AJA Mini-Converter Power Connectors
PWR-Cable provides two AJA Mini-Converter power connectors for use with batteries for convenient power supply solutions to AJA Mini-Converters, ideal for use in the field or on-set.

**P-TAP-CBL $45**
P-Tap to AJA Mini-Converter Power Cable
P-TAP-CBL provides an elegant cable connection for powering AJA Mini-Converters from a standard P-tap (or D-tap) on your battery or battery plate, simplifying power supply needs in the field or on a shoot.

**CMP $99**
Converter Mounting Plate
Converter Mounting Plate: Mount most AJA Mini-Converters on industry standard wireless transmitter brackets, etc. Flexible mounting options allow direct attachment of converters to cameras, rigs, and battery plates. One bracket with two mounting screws included.
Mini-Converter | Accessories

RMB $7
Rackmount Bracket
Easily mount AJA Mini-Converters to the side of a rack. One bracket with two mounting screws included. Also available in a 10 pack, RMB-10.

AJA Mini-Config FREE
Visual Configuration and Control Software
AJA's free Mini-Config software can be used with any USB-enabled AJA Mini-Converter and provides an easy-to-use graphical interface with detailed information about the current input and output formats. Control all the parameters of any supported AJA Mini-Converter as well as loading firmware updates from AJA that add new features and functionality.

View Online
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.

**AJA Mini-Matrix: Converter Search Software**

[www.aja.com/software/mini-matrix](http://www.aja.com/software/mini-matrix)

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**OG-12GDA-2x4 $695**

Dual 2x4 12G-SDI openGear Reclocking DA

- 2x 12G-SDI BNC inputs
- 8x noninverting 12G-SDI BNC outputs
- Format agnostic 270 Mbps – 12 Gbps video formats
- Automatic input equalization and output reclocking
- Support for HDR video
- Passes embedded audio, all ancillary data including closed caption and time code
- Input Present and Input SMPTE Lock LEDs
- 10x 12G-BNC rear connector module included
- Power: 4.5 watts
- Hot swappable
- DashBoard Support with OGX, OG3 and DFR-8321 openGear frames
- Five-year warranty

View Online

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**OG-3GDA-1x9 $495**

openGear 1x9 3G-SDI Reclocking DA

- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x 3G-SDI BNC
- Outputs: 9x 3G-SDI BNC
- Support for HDR – High Dynamic Range video
- Monitor via openGear DashBoard
- Passes embedded audio, all ancillary data including closed caption and time code
- Input Present and Input SMPTE Lock LEDs
- Automatic input equalization and output reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Power: 2.5 watts max per card
- Hot swappable
- Compatible with DFR-8321, OG3 and OGX openGear frames

View Online

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**OG-3GDA-2x4 $550**

openGear 2x4 3G-SDI Reclocking DA

- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x 3G-SDI BNC (1x8 mode); 2x 3G-SDI BNC (2x 4 mode)
- Outputs: 8x 3G-SDI BNC
  - 4x outputs noninverting (1x8 mode)
  - 2x outputs noninverting (2x4 mode)
- Support for HDR – High Dynamic Range video
- Monitor via openGear DashBoard
- Passes embedded audio, all ancillary data including closed caption and time code
- Input Present and Input SMPTE Lock LEDs
- Automatic input equalization and output reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Power: 2.6 watts max per card
- Hot swappable
- Compatible with DFR-8321, OG3 and OGX openGear frames

View Online

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**OG-FS-Mini** $695
openGear 3G-SDI Frame Synchronizer
- Utility frame sync function times input signals to an external reference
- Supports bi-level and tri-level references
- High quality 10-bit video processing
- Low latency processing, nominal video delay of 1 frame
- Freeze (on input signal loss) to black or last good frame
- Synchronizes 3G, HD, SD video formats
- Simultaneous SDI and HDMI outputs
- 16-channel embedded SDI audio I/O
- Up, down, cross-conversion between 3G, HD, and SD video formats
- Compatible with DFR-8321, OG3 and OGX openGear frames

**OG-HA5-4K** $595
openGear 4K/UltraHD HDMI to 4K/UltraHD (4x 3G-SDI) Converter
- Supports HDMI 2.0 up to 60p at 4:4:4, 4:2:2, and 4:2:0
- Supports quadrant (square division) and 2SI (two sample interleave) 4K/UltraHD SDI mapping
- 4x 3G-SDI outputs
- Controlled by DashBoard network control software
- HD resolutions supported
- HDR Infoframe analysis with AJA DashBoard
- Embedded audio support
- Compatible with DFR-8321, OG3 and OGX openGear frames

**OG-Hi5-4K-Plus** $595
openGear 4K/UltraHD (4x 3G-SDI) to full HDMI 2.0 Converter
- 4x 3G-SDI inputs
- Support for 4:2:2/4:4:4 HDMI 2.0 output
- Controlled by DashBoard network control software
- HD conversion supported
- HDR support for HDR10 and HLG
- Embedded audio support
- Compatible with DFR-8321, OG3 and OGX openGear frames

**OG-4K2HD** $795
openGear 4K/UltraHD to 3G-SDI and HDMI Down-Converter
- 4K (4096x2160) and UltraHD (3840x2160) support
- Down-conversion for supporting 4K on HD-SDI and HDMI devices
- Simultaneous HD-SDI and HDMI output
- Controlled by DashBoard network control software
- Aspect ratio conversion from full 4K to HD
- Supports up to 4K/UltraHD 50/60fps high-frame rate input formats
- Compatible with DFR-8321, OG3 and OGX openGear frames
OG-ROI-DVI $995
DVI to 3G-SDI conversion
- Frame Rate Conversion
- Conversion between Deinterlace and Progressive signals
- Region of Interest scaling
- DVI input with loop-through
- Accepts input DVI formats up to 1920 x 1200p 60 Hz
- Configurable SDI output formats from 525i 29.97 to 1920 x 1080p 60 Hz
- Aspect ratio conversion and image flip/rotation
- 2-channel embedding of balanced analog audio inputs or 8 channel DVI audio
- Rear connector module included
- 2x 3-Pin Terminal Block connectors (included)
- Reference Source (Free Run, Card Ext, OG Frame Ext Ref 1 & 2)
- Genlock input
- Hot-swappable
- Controlled by DashBoard network control software
- Compatible with OGX, OG3 and DFR-8321 openGear frames
- Five year warranty

OG-ROI-HDMI $995
HDMI to 3G-SDI conversion
- Frame Rate Conversion
- Conversion between Deinterlace and Progressive signals
- Region of Interest scaling
- HDMI input with loop-through
- Accepts input HDMI formats up to 1920 x 1200p 60 Hz
- Configurable SDI output formats from 525i 29.97 to 1920 x 1080p 60 Hz
- Aspect ratio conversion and image flip/rotation
- 2-channel embedding of balanced analog audio inputs or 8 channel HDMI audio
- Rear connector module included
- 2x 3-Pin Terminal Block connectors (included)
- Reference Source (Free Run, Card Ext, OG Frame Ext Ref 1 & 2)
- Genlock input
- Hot-swappable
- Controlled by DashBoard network control software
- Compatible with OGX, OG3 and DFR-8321 openGear frames
- Five year warranty

OG-UDC $695
openGear HD/SD Up, Down, Cross-Converter
- Converts between 3G, HD and SD formats
- Supports 1080p 50/60
- Controlled by DashBoard network control software and external DIP switch
- 2x 3-Pin Terminal Block connectors (included)
- 16-channel embedded SDI audio input and output
- Reference Input
- Compatible with DFR-8321, OG3 and OGX openGear frames
- Five year warranty
**OG-3G-AMD $795**

OpenGear 3G-SDI 8-channel 24-bit AES Embedder/Disembedder

- Video Formats: 3G-SDI
- 3G-SDI Embedder / Disembedder in one board
- Input: 1x 3G-SDI BNC
- Outputs: 1x 3G-SDI BNC
- 4x AES BNC (2 channels per input)
- Local and Remote modes
- Incoming embedded audio passed, removed, or overridden
- Configure via openGear DashBoard, or DIP switch
- Power: 5.0 watts
- Hot swappable
- Compatible with DFR-8321, OG3 and OGX openGear frames

**OG-3G-AMA $795**

OpenGear 3G-SDI Analog Audio Embed/Disembed

- 3G-SDI Embedder/Disembedder
- 8-channel Balanced Analog Audio I/O
- Controlled by DashBoard network control software and external DIP switch
- 8x 3-Pin Terminal Block connectors (included)
- Compatible with DFR-8321, OG3 and OGX openGear frames
OG-FiDO-T $445
openGear 1-channel 3G-SDI to Single Mode LC Fiber Transmitter
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Inputs: 1x 3G-SDI with SDI Loop out
- Outputs: 1x 3G-SDI BNC, 1x Single Mode LC Fiber
- Monitor via openGear DashBoard
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Nominal Wavelength: 1310 nm
- Power: 2.5 watts
- Hot swap capable
- Compatible with DFR-8321, OG3 and OGX openGear frames
View Online

OG-FiDO-R $445
openGear 1-channel Single Mode LC Fiber Receiver
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x Single Mode LC Fiber
- Outputs: 2x 3G-SDI BNC (Mirrored)
- Monitor via openGear DashBoard
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Nominal Wavelength: 1260-1620 nm
- Power: 2.5 watts
- Hot swap capable
- Compatible with DFR-8321, OG3 and OGX openGear frames
View Online

OG-FiDO-TR $645
openGear 1-channel 3G-SDI/LC Single Mode LC Fiber Transceiver
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Inputs: 1x 3G-SDI BNC; 1x Single Mode LC Fiber
- Outputs: 1x 3G-SDI BNC, 1x Single Mode LC Fiber
- Monitor via openGear DashBoard
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Nominal Wavelength: 1260-1620 nm
- Power: 2.5 watts
- Hot swap capable
- Compatible with DFR-8321, OG3 and OGX openGear frames
View Online
OG-FiDO-2T $645
openGear 2-channel 3G-SDI to Single Mode LC Fiber Transmitter
• Video Formats: 150 Mbps - 3 Gbps, format agnostic
• Inputs: 2x Independent 3G-SDI Inputs, BNC connectors
• Outputs: 2x Independent Single Mode optical fiber, LC connectors
• Monitor via openGear DashBoard
• Input Present and Input SMPTE Lock LEDs
• Automatic detection and reclocking
• 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
• All other rates are passed through and not reclocked
• Wavelength: 1260-1620 nm
• Optical Power: -5dBm (min), 0dBm (max)
• Power: 2.5 watts
• Hot-swap capable
• Compatible with DFR-8321, OG3 and OGX openGear frames

OG-FiDO-2R $645
openGear 2-channel 3G-SDI to Single Mode LC Fiber Receiver
• Video Formats: 150 Mbps - 3 Gbps, format agnostic
• Inputs: 2x Single Mode LC Fiber
• Outputs: 2x 3G-SDI BNC
• Monitor via openGear DashBoard
• Input Present and Input SMPTE Lock LEDs
• Automatic detection and reclocking
• 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
• Nominal Wavelength: 1260-1620 nm
• Power: 2.5 watts
• Hot swap capable
• Compatible with DFR-8321, OG3 and OGX openGear frames

OG-FiDO-2T-X $1,240
openGear 2-channel 3G-SDI to Single Mode LC Fiber Transmitter for CWDM
• Video Formats: 150 Mbps - 3 Gbps, format agnostic
• Inputs: 2x 3G-SDI BNC
• Outputs: 2x CWDM LC Fiber
• Monitor via openGear DashBoard
• Input Present and Input SMPTE Lock LEDs
• Automatic detection and reclocking
• 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
• Nominal Wavelength: Choice of 9 wavelength pairs
• Power: 2.5 watts
• Hot-swap capable
• Compatible with DFR-8321, OG3 and OGX openGear frames
(Includes CWDM SFP module)

OG-FiDO-TR-MM $890
openGear 1-channel 3G-SDI/LC Multi-Mode LC Fiber Transceiver
• Video Formats: 150 Mbps - 3 Gbps, format agnostic
• Inputs: 1x3G-SDI BNC, 1x Multi-Mode LC Fiber
• Outputs: 1x 3G-SDI BNC, 1x Multi-Mode LC Fiber
• Monitor via openGear DashBoard
• Input Present and Input SMPTE Lock LEDs
• Automatic detection and reclocking
• 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
• Nominal Wavelength: 850 nm
• Power: 2.5 watts
• Hot swap capable
• Compatible with DFR-8321, OG3 and OGX openGear frames
OG-FiDO-T-MM $690
openGear 1-channel 3G-SDI to Multi-Mode LC Fiber Transmitter
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Inputs: 1x 3G-SDI with SDI Loop out
- Outputs: 1x 3G-SDI BNC Output; 1x Multi-Mode LC Fiber Output
- Monitor via openGear DashBoard
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Nominal Wavelength: 850 nm
- Power: 2.5 watts
- Hot swap capable
- Compatible with DFR-8321, OG3 and OGX openGear frames

OG-FiDO-2T-MM $890
openGear 2-channel 3G-SDI to Multi-Mode LC Fiber Transmitter
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Inputs: 2x 3G-SDI BNC
- Outputs: 2x Multi-Mode LC Fiber
- Monitor via openGear DashBoard
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Nominal Wavelength: 850 nm
- Power: 2.5 watts
- Hot swap capable
- Compatible with DFR-8321, OG3 and OGX openGear frames

OG-FiDO-R-MM $690
openGear 1-channel Multi-Mode LC Fiber to 3G-SDI Receiver
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x Multi-Mode LC Fiber
- Outputs: 2x 3G-SDI BNC Outputs (Mirrored)
- Monitor via openGear DashBoard
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Nominal Wavelength: 850 nm
- Power: 2.5 watts
- Hot swap capable
- Compatible with DFR-8321, OG3 and OGX openGear frames

OG-FiDO-2R-MM $890
openGear 2-channel Multi-Mode LC Fiber to 3G-SDI Receiver
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Inputs: 2x Multi-Mode LC Fiber
- Outputs: 2x 3G-SDI BNC
- Monitor via openGear DashBoard
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Nominal Wavelength: 850 nm
- Power: 2.5 watts
- Hot swap capable
- Compatible with DFR-8321, OG3 and OGX openGear frames
Five Year Warranty

AJA Video warrants that Converter products will be free from defects in materials and workmanship for a period of five years from the date of purchase.

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.