

Converter Catalog

December 2024



AJA CONVERTER CATALOG CONTENTS

AJA MINI-CONVERTERS

- 4 **AJA Mini-Matrix**
Find the Right AJA Converter for Any Situation
- 4 **USB and Mini-Config**
Visual Configuration and Control

INFRASTRUCTURE

- 5 **12GM**
12G-SDI to/from SDI Muxer/Demuxer
- 5 **GEN10**
HD/SD Sync Generator
- 5 **FS-Mini**
3G/HD/SD-SDI Utility Frame Synchronizer
- 6 **12G-AM**
12G-SDI 8-Ch AES Embedder/Disembedder
- 6 **12G-AM-T**
12G-SDI 8-Ch AES Embedder/Disembedder With LC Fiber Tx SFP
- 6 **12G-AM-TR**
12G-SDI 8-Ch AES Embedder/Disembedder With LC Fiber TR SFP
- 6 **12G-AM-T-ST**
12G-SDI 8-Ch AES Embedder/Disembedder With ST Fiber Tx SFP
- 7 **12G-AM-R**
12G-SDI 8-Ch AES Embedder/Disembedder With LC Fiber Rx SFP
- 7 **3G-AM**
3G-SDI 8-Ch AES Embedder/Disembedder
- 7 **12G-AM-R-ST**
12G-SDI 8-Ch AES Embedder/Disembedder With ST Fiber Rx SFP
- 7 **12G-AMA**
12G-SDI 4-Ch Analog Audio Embedder/Disembedder
- 8 **12G-AMA-TR**
12G-SDI 4-Ch Analog Audio Embedder/Disembedder With LC Fiber TR SFP
- 8 **12G-AMA-T-ST**
12G-SDI 4-Ch Analog Audio Embedder/Disembedder With ST Fiber Tx SFP
- 8 **12G-AMA-T**
12G-SDI 4-Ch Analog Audio Embedder/Disembedder With LC Fiber Tx SFP
- 8 **12G-AMA-R**
12G-SDI 4-Ch Analog Audio Embedder/Disembedder With LC Fiber Rx SFP
- 9 **12G-AMA-R-ST**
12G-SDI 4-Ch Analog Audio Embedder/Disembedder With ST Fiber Rx SFP
- 9 **12GDA**
1x6 12G-SDI Reclocking Distribution Amplifier
- 9 **3G-AMA**
3G-SDI Analog Audio Embedder/Disembedder
- 9 **3GDA**
1x6 3G/HD/SD Reclocking Distribution Amplifier
- 10 **HD5DA**
1x4 HD/SD-SDI Distribution Amplifier
- 10 **C10DA**
1x6 Analog Video Distribution Amplifier

- 10 **ADA4**
4-Ch Bidirectional Audio A/D and D/A Converter
- HDMI**
- 11 **Hi5-12G**
12G-SDI to HDMI 2.0 Mini-Converter
- 11 **Hi5-12G-R**
12G-SDI to HDMI 2.0 Mini-Converter with LC Fiber Rx SFP
- 11 **Hi5-12G-TR**
12G-SDI to HDMI 2.0 Mini-Converter with LC Fiber TR SFP
- 11 **Hi5-12G-R-ST**
12G-SDI to HDMI 2.0 Conversion with ST Fiber Receiver
- 12 **Hi5-4K-Plus**
4K/UltraHD (4x 3G-SDI) to Full HDMI 2.0 Mini-Converter
- 12 **Hi5-Fiber**
3G-SDI over Fiber to HDMI Video and Audio Mini-Converter
- 12 **Hi5-Plus**
3G-SDI to HDMI Mini-Converter with Embedded Audio
- 13 **HA5-12G**
HDMI 2.0 to 12G-SDI Mini-Converter
- 13 **HA5-12G-T-ST**
HDMI 2.0 to 12G-SDI Mini-Converter With ST Fiber Tx SFP
- 13 **HA5-12G-T**
HDMI 2.0 to 12G-SDI Mini-Converter With LC Fiber Tx SFP
- 14 **HA5-4K**
4K/UltraHD HDMI to 4K/UltraHD SDI Mini-Converter
- 14 **HA5-Fiber**
HDMI to 3G-SDI over Fiber Video and Audio Mini-Converter
- 14 **HA5-Plus**
HDMI to 3G-SDI Mini-Converter with Embedded Audio
- SCAN**
- 15 **ROI-HDMI**
HDMI to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer
- 15 **ROI-DVI**
DVI to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer
- 15 **ROI-SDI**
3G-SDI to HDMI/3G-SDI Scan Converter with Region of Interest and Frame Synchronizer
- 15 **ROI-DP**
Display Port to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer
- SCALING**
- 16 **UDC**
Up, Down, Cross Mini-Converter
- 16 **HDP3**
3G-SDI to DVI-D Mini-Converter with Embedded Audio
- IP**
- 17 **IPT-10G2-HDMI**
HDMI to SMPTE ST 2110 IP Video and Audio Converter
- 17 **IPR-10G2-HDMI**
SMPTE ST 2110 IP Video and Audio to HDMI Converter

- 17 **IPT-10G2-SDI**
3G-SDI to SMPTE ST 2110 IP Video and Audio Converter
- 17 **IPR-10G2-SDI**
SMPTE ST 2110 IP Video and Audio to SDI Converter
- ANALOG**
- 18 **V2Digital™**
Analog Video to HD/SD-SDI Converter
- 18 **V2Analog™**
HD/SD-SDI to Analog Video Converter
- OPTICAL FIBER**
- 20 **FIDO-TR-12G**
1-Ch 12G-SDI/LC Single Mode LC Fiber Transceiver
- 20 **FIDO-T-12G**
1-Ch 12G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out
- 20 **FIDO-2R-12G**
2-Ch Single Mode LC Fiber to 12G-SDI Receiver
- 20 **FIDO-2T-12G**
2-Ch 12G-SDI to Single Mode LC Fiber Transmitter
- 20 **FIDO-T-12G-ST**
1-Ch 12G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out
- 20 **FIDO-R-12G**
1-Ch Single Mode LC Fiber to 12G-SDI Receiver, with Dual SDI Out
- 21 **FIDO-R-12G-ST**
1-Ch Single Mode ST Fiber to 12G-SDI Receiver, with Dual SDI Out
- 21 **FIDO-4T-ST**
4-Ch 3G-SDI to Single Mode ST Fiber Transmitter
- 21 **FIDO-4R**
4-Ch Single Mode LC Fiber to 3G-SDI Receiver
- 21 **FIDO-4T**
4-Ch 3G-SDI to Single Mode LC Fiber Transmitter
- 21 **FIDO-4T-MM**
4-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter
- 21 **FIDO-4R-ST**
4-Ch Single Mode ST Fiber to 3G-SDI Receiver
- 22 **FIDO-4R-MM**
4-Ch Multi-Mode LC Fiber to 3G-SDI Receiver
- 22 **FIDO-2T-MM**
2-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter
- 22 **FIDO-2R-MM**
2-Ch Multi-Mode LC Fiber to 3G-SDI Receiver
- 22 **FIDO-2T**
2-Ch 3G-SDI to Single Mode LC Fiber Transmitter
- 22 **FIDO-2R**
2-Ch Single Mode LC Fiber to 3G-SDI Receiver
- 22 **FIDO-TR**
1-Ch 3G-SDI/LC Single Mode LC Fiber Transceiver

AJA CONVERTER CATALOG CONTENTS

- 23 **FIDO-TR-MM**
1-Ch 3G-SDI/LC Multi-Mode LC Fiber Transceiver
- 23 **FIDO-T-ST**
1-Ch 3G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out
- 23 **FIDO-T-MM**
1-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out
- 23 **FIDO-T**
1-Ch 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out
- 23 **FIDO-T-SC**
1-Ch 3G-SDI to Single Mode SC Fiber Transmitter, with SDI Loop Out
- 23 **FIDO-R**
1-Ch Single Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Out
- 24 **FIDO-R-ST**
1-Ch Single Mode ST Fiber to 3G-SDI Receiver, with Dual SDI Outputs
- 24 **FIDO-R-MM**
1-Ch Multi-Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Out
- 24 **FIDO-R-SC**
1-Ch Single Mode SC Fiber to 3G-SDI Receiver, with Dual SDI Output
- 25 **AJA SFP Configurator**
- 25 **Single Mode SC SFP Modules**
- 25 **Single Mode LC SFP Modules**
- 25 **Multi-Mode LC SFP Modules**
- 25 **Single Mode 12G SFP Modules**
- MINI-CONVERTER ACCESSORIES**
- 26 **DRM2 and DRM2-AP**
Next Generation Mini-Converter Rackmount Frame
- 26 **DRM2 AFP**
DRM2 Active Faceplate Option
- 26 **DRM2 Carrier and Mounting Hardware**
- 26 **DRM2 Y-Cable**
- 27 **DRM FCP**
Front Panel Cover for the DRM Frame
- 27 **DRM**
Mini-Converter Rackmount Frame
- 27 **DRM P/S**
Spare Power Supply for DRM Frame
- 28 **DWP-Plus**
Universal Power Supply
- 28 **P-TAP-CBL**
P-Tap to AJA Mini-Converter Power Cable
- 28 **PWR-CABLE**
P-TAP to 2x AJA Mini-Converter Power Connectors
- 28 **CMP**
Converter Mounting Plate
- 29 **12G-AM XLR Cable**
XLR Breakout Cable
- 29 **RMB**
Rackmount Bracket
- 29 **12G-AM BNC Cable**
AES BNC Breakout Cable
- OPENGEAR**
- 30 **OG-ColorBox**
openGear In-line HDR/SDR Algorithmic and LUT Color Transforms
- 31 **OG-C10DA**
openGear Analog Video 1x9 Distribution Amplifier
- 31 **OG-DANTE-12GAM**
openGear 12G-SDI/DANTE 64-Ch Embedder/Disembedder
- 31 **OG-12GM**
openGear 12G-SDI to/from SDI Muxer/Demuxer
- 31 **OG-FS-Mini**
openGear 3G-SDI Frame Synchronizer
- 32 **OG-12GDA-2x4**
openGear Dual 1x4 12G-SDI Distribution Amplifier
- 32 **OG-3GDA-2x4**
openGear 2x4 3G-SDI Reclocking DA
- 32 **OG-3GDA-1x9**
openGear 1x9 3G-SDI Reclocking DA
- 32 **OG-12G-AM**
openGear 12G-SDI 16-Ch AES/EBU Embedder/Disembedder
- 33 **OG-12G-AMA**
openGear 12G-SDI 8-Ch Analog Audio Embedder/Disembedder
- 33 **OG-3G-AMA**
openGear 3G-SDI Analog Audio Embedder/Disembedder
- 33 **OG-3G-AMD**
openGear 3G-SDI 8-Ch 24-bit AES Embedder/Disembedder
- 34 **OG-Hi5-12G**
openGear 12G-SDI to HDMI 2.0 Converter
- 34 **OG-Hi5-12G-TR**
openGear 12G-SDI to HDMI 2.0 LC Fiber Transceiver
- 34 **OG-Hi5-12G-R**
openGear 12G-SDI to HDMI 2.0 Conversion with LC Fiber Receiver
- 34 **OG-Hi5-12G-R-ST**
openGear 12G-SDI to HDMI 2.0 Conversion with ST Fiber Receiver
- 34 **OG-HA5-12G**
openGear HDMI 2.0 to 12G-SDI Conversion
- 34 **OG-HA5-12G-T**
openGear HDMI 2.0 to 12G-SDI Conversion with LC Fiber Transmitter
- 34 **OG-HA5-12G-T-ST**
openGear HDMI 2.0 to 12G-SDI Conversion with ST Fiber Transmitter
- 35 **OG-Hi5-4K-Plus**
openGear 4K/UltraHD (4x 3G-SDI) to Full HDMI 2.0 Converter
- 35 **OG-HA5-4K**
openGear 4K/UltraHD/2K/HD/SD HDMI 2.0 to 3G-SDI Conversion
- 36 **OG-ROI-HDMI**
openGear HDMI to 3G-SDI Scan Conversion
- 36 **OG-ROI-DVI**
openGear DVI to 3G-SDI Scan Conversion
- 36 **OG-ROI-SDI**
openGear 3G-SDI to HDMI/3G-SDI Scan Conversion
- 37 **OG-UDC**
openGear 3G-SDI Up, Down, Cross-Converter
- 37 **OG-X-FR**
openGear-compatible 2RU Rackframe
- 37 **OG-X-PS**
Optional Redundant Power Supply for the OG-X-FR and OG-3-FR
- 38 **OG-FIDO-TR-12G**
openGear 1-Ch 12G-SDI/LC Single Mode LC Fiber Transceiver
- 38 **OG-FIDO-T-12G-ST**
openGear 1-Ch 12G-SDI to Single Mode ST Fiber Transmitter
- 38 **OG-FIDO-2T-12G**
openGear 2-Ch 12G-SDI to Single Mode LC Fiber Transmitter
- 38 **OG-FIDO-R-12G-ST**
openGear 1-Ch Single Mode ST Fiber to 12G-SDI Receiver
- 38 **OG-FIDO-2R-12G**
openGear 2-Ch Single Mode LC Fiber to 12G-SDI Receiver
- 39 **OG-FIDO-TR**
openGear 1-Ch 3G-SDI/LC Single Mode LC Fiber Transceiver
- 39 **OG-FIDO-2T-MM**
openGear 2-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter
- 39 **OG-FIDO-T**
openGear 1-Ch 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out
- 39 **OG-FIDO-R-MM**
openGear 1-Ch Multi-Mode LC Fiber to 3G-SDI Receiver
- 39 **OG-FIDO-TR-MM**
openGear 1-Ch 3G-SDI/LC Multi-Mode LC Fiber Transceiver
- 39 **OG-FIDO-2R**
openGear 2-Ch Single Mode LC Fiber to 3G-SDI Receiver
- 39 **OG-FIDO-T-MM**
openGear 1-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out
- 39 **OG-FIDO-2T**
openGear 2-Ch 3G-SDI to Single Mode LC Fiber Transmitter
- 39 **OG-FIDO-2R-MM**
openGear 2-Ch Multi-Mode LC Fiber to 3G-SDI Receiver
- 39 **OG-FIDO-R**
openGear 1-Ch Single Mode LC Fiber to 3G-SDI Receiver

AJA Mini-Converters

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.

5 YEAR
WARRANTY



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.

[View Online](#)

INFRASTRUCTURE | Mini-Converters

5 YEAR WARRANTY

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



4K | HDR

[View Online](#)

12GM \$1,189

12G-SDI to/from SDI Muxer/Demuxer

- SDI Transport Converter for 12G, 6G, 3G, and 1.5G-SDI
- Supports multiple types of Quad, Dual, and Single type conversions
- Two Sample Interleave (2SI) to/from Square Division (Quadrant) mapping
- 3G-SDI Level A to/from 3G-SDI Level B Dual Link
- 3G-B Dual Stream Support
- Simple Frame Rate Conversion (FRC)
- HDR signaling metadata pass-through and optional override
- Input timing analyzer for multi-link signals
- Configurable as a 1x4 DA
- Automatic input equalization and output reclocking
- Configure via USB port and supplied Mini-Config software



[View Online](#)

FS-Mini \$879

3G/HD/SD-SDI 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
- 3G-SDI input
- Simultaneous SDI and HDMI outputs
- Up, down, cross-conversion between 3G, HD, and SD video formats
- Loss of input management: Freeze, Black, or Mute
- Configure via DIP switch or USB port and supplied Mini-Config software



[View Online](#)

GEN10 \$439

HD/SD Sync Generator

- HD 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

INFRASTRUCTURE | Mini-Converters

5 YEAR WARRANTY



4K | HDR

[View Online](#)

12G-AM \$1,245

12G-SDI 8-Ch AES
Embedder/Disembedder

- Compact 12G-SDI 8-ch simultaneous audio disembedder/embedder
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP switch or USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

12G-AM-TR \$1,759

12G-SDI 8-Ch AES
Embedder/Disembedder
With LC Fiber TR SFP

- Compact 12G-SDI 8-ch simultaneous audio disembedder/embedder
- LC Fiber 12G transceiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP switch or USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

12G-AM-T \$1,639

12G-SDI 8-Ch AES
Embedder/Disembedder
With LC Fiber Tx SFP

- Compact 12G-SDI 8-ch simultaneous audio disembedder/embedder
- LC Fiber 12G transmitter
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP switch or USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

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

12G-SDI 8-Ch AES
Embedder/Disembedder
With ST Fiber Tx SFP

- Compact 12G-SDI 8-ch simultaneous audio disembedder/embedder
- ST Fiber 12G transmitter
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP switch or USB port and supplied Mini-Config software

INFRASTRUCTURE | Mini-Converters

5 YEAR WARRANTY



4K | HDR

[View Online](#)

12G-AM-R \$1,639

12G-SDI 8-Ch AES
Embedder/Disembedder
With LC Fiber Rx SFP

- Compact 12G-SDI 8-ch simultaneous audio disembedder/embedder
- LC Fiber 12G receiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP switch or USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

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

12G-SDI 8-Ch AES
Embedder/Disembedder
With ST Fiber Rx SFP

- Compact 12G-SDI 8-ch simultaneous audio disembedder/embedder
- ST Fiber 12G receiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP switch or USB port and supplied Mini-Config software



[View Online](#)

3G-AM \$999

3G-SDI 8-Ch AES
Embedder/Disembedder

- 3G-SDI embedder/disembedder
- 8-ch AES I/O
- 3G-AM-XLR, includes XLR breakout cable, 8-Ch In and 8-Ch Out
- 3G-AM-BNC, includes BNC breakout cable, 8-Ch In and 8-Ch Out
- Configure via DIP switch or USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

12G-AMA \$1,245

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

- Compact 12G-SDI 4-ch simultaneous audio disembedder/embedder
- Selectable analog audio level
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP switch or USB port and supplied Mini-Config software

INFRASTRUCTURE | Mini-Converters

5 YEAR WARRANTY



4K | HDR

[View Online](#)

12G-AMA-TR \$1,759

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

- Compact 12G-SDI 4-ch simultaneous audio disembedder/embedder
- LC Fiber 12G transceiver
- Selectable analog audio level
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP switch or USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

12G-AMA-T \$1,639

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

- Compact 12G-SDI 4-ch simultaneous audio disembedder/embedder
- LC Fiber 12G Transmitter
- Selectable analog audio level
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP switch or USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

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

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

- Compact 12G-SDI 4-ch simultaneous audio disembedder/embedder
- ST Fiber 12G transmitter
- Selectable analog audio level
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP switch or USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

12G-AMA-R \$1,639

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

- Compact 12G-SDI 4-ch simultaneous audio disembedder/embedder
- LC Fiber 12G receiver
- Selectable analog audio level
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP switch or USB port and supplied Mini-Config software

INFRASTRUCTURE | Mini-Converters

5 YEAR WARRANTY



4K | HDR

[View Online](#)

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

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

- Compact 12G-SDI 4-ch simultaneous audio disembedder/embedder
- ST Fiber 12G receiver
- Selectable analog audio level
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP switch or USB port and supplied Mini-Config software



[View Online](#)

3G-AMA \$999

3G-SDI Analog Audio Embedder/Disembedder

- 3G-SDI embedder/disembedder
- 4-ch balanced analog audio I/O
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP switch or USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

12GDA \$625

1 x6 12G-SDI Reclocking Distribution Amplifier

- Compact 12G-SDI distribution
- Six separately reclocked outputs
- Support for HDR – High Dynamic Range video
- Cable Equalization (Belden 1694A coax)
 - 12 Gbps, 70m
 - 6 Gbps, 120m
 - 3 Gbps, 190m
 - 1.5 Gbps, 195m
 - 270 Mbps, 405m
- Passes all ancillary data



[View Online](#)

3GDA \$505

1x6 3G/HD/SD Reclocking Distribution Amplifier

- Compact SD/HD SDI distribution
- Six separately buffered outputs
- 3G-SDI cable equalization (1694 coax)
- SD: 270mb, 350m, HD: 1.5Gb, 200m
- 3G/HD/SD-SDI input, auto sensing
- Passes all ancillary data

INFRASTRUCTURE | Mini-Converters

5 YEAR WARRANTY



HD5DA \$255

1x4 HD/SD-SDI Distribution Amplifier

- Compact HD-SDI/SDI Distribution
- Four separately buffered HD-SDI/SDI outputs
- Auto equalization
- Belden 1694A cable, HD 125m, SD 300m
- Acts as low cost repeater
- Automatic multi-standard 143/177/270 Mb, 1.5 Gb

[View Online](#)



ADA4 \$585

4-Ch 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-ch of balanced analog to AES/EBU audio
- Up to 4-ch 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

[View Online](#)



C10DA \$229

1x6 Analog Video 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

[View Online](#)

HDMI | Mini-Converters

5 YEAR WARRANTY

AJA Hi5 and HA5 Mini-Converters for SDI to HDMI or HDMI to SDI conversion are amongst the most popular 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



4K | HDR

[View Online](#)

Hi5-12G \$999

12G-SDI to HDMI 2.0 Mini-Converter

- Convert 12G-SDI to HDMI 2.0b at up to 4K 60p
- Support for 4:4:4/4:2:2/4:2:0 HDMI 2.0b output
- Supports 12-bit workflows
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-ch 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Supports up to 100 frames of audio delay
- 12G-SDI loop out
- Fiber SFP models available
- Configure via USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

Hi5-12G-TR \$1,495

12G-SDI to HDMI 2.0 Mini-Converter with LC Fiber TR SFP

- Convert 12G-SDI to HDMI 2.0b at up to 4K 60p
- Support for 4:4:4/4:2:2/4:2:0 HDMI 2.0b output
- Supports 12-bit workflows
- Includes a single channel LC Fiber 12G transceiver, which extends 12G-SDI signals over long distances (10 km Single Mode)
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-ch 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Supports up to 100 frames of audio delay
- 12G-SDI loop out
- Configure via USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

Hi5-12G-R \$1,245

12G-SDI to HDMI 2.0 Mini-Converter with LC Fiber Rx SFP

- Convert 12G-SDI to HDMI 2.0b at up to 4K 60p
- Support for 4:4:4/4:2:2/4:2:0 HDMI 2.0b output
- Supports 12-bit workflows
- Includes a single channel LC Fiber 12G receiver, which extends 12G-SDI signals over long distances (10 km Single Mode)
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-ch 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Supports up to 100 frames of audio delay
- 12G-SDI loop out
- Configure via USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

Hi5-12G-R-ST \$1,375

12G-SDI to HDMI 2.0 Conversion with ST Fiber Receiver

- Convert 12G-SDI to HDMI 2.0b at up to 4K 60p
- Support for 4:4:4/4:2:2/4:2:0 HDMI 2.0b output
- Supports 12-bit workflows
- Includes a single channel ST Fiber 12G receiver, which extends 12G-SDI signals over long distances (10 km Single Mode)
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-ch 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Supports up to 100 frames of audio delay
- 12G-SDI loop out
- Configure via USB port and supplied Mini-Config software

HDMI | Mini-Converters

5 YEAR WARRANTY



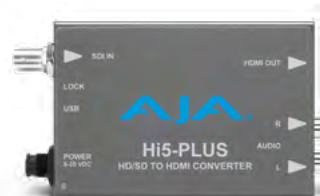
4K | HDR

[View Online](#)

Hi5-4K-Plus \$835

4K/UltraHD (4x 3G-SDI) to Full HDMI 2.0 Mini-Converter

- 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
- Supports 12-bit workflows
- HDR support with HDR10 and HLG
- Supports Quad 3G & 1.5G/Dual Link 3G/3G-SDI
- Supports Two Sample Interleave (2SI) and Square Division (Quadrant) input pixel mapping
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-ch 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Configure via USB port and supplied Mini-Config software



[View Online](#)

Hi5-Plus \$505

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
- HDR/WCG Support (VPID HDR/BT.2020)
- Pass-through of Compressed Audio
- Compact size fits easily in small spaces
- 16-ch embedded SDI and 8-ch HDMI audio
- 2-ch RCA analog audio output
- Configure via USB port and supplied Mini-Config software



[View Online](#)

Hi5-Fiber \$879

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-ch RCA jack audio output
- No configuration necessary
- HDMI v1.2 standard
- 1m HDMI cable included
- Update via USB port

HDMI | Mini-Converters

5 YEAR WARRANTY



4K | HDR

[View Online](#)

HA5-12G \$999

HDMI 2.0 to 12G-SDI Mini-Converter

- 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
- Supports 12-bit workflows
- EDID Emulation
- Real time HDMI HDR Infoframe data reporting
- HDR signaling metadata pass-through and optional override
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Embedded audio can be selected from the HDMI or Analog audio inputs
- Fiber SFP models available
- Configure via USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

HA5-12G-T \$1,245

HDMI 2.0 to 12G-SDI Mini-Converter

- Convert HDMI 2.0b up to 4K 60p to 12G-SDI with a second mirrored output
- Includes a single channel LC Fiber 12G transmitter, which extends 12G-SDI signals over long distances (10 km Single Mode)
- Supports 12-bit workflows
- Supports up to 60p input at 4:4:4/4:2:2/4:2:0
- EDID Emulation
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Analyzes HDR Infoframe data coming in over HDMI as HDMI v2.0b/CTA-861 using AJA Mini-Config software
- HDR Infoframe decoder as defined in CTA-861-G and HDMI v2.0b
- Embedded audio pass-through of E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos.
- Embedded audio can be selected from the HDMI or Analog audio inputs
- Configure via USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

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

HDMI 2.0 to 12G-SDI Mini-Converter

- Convert HDMI 2.0b up to 4K/UltraHD 60p to 12G-SDI with a second mirrored output
- Includes a single channel ST Fiber 12G transmitter, which extends 12G-SDI signals over long distances (10 km Single Mode)
- Supports 12-bit workflows
- Support for up to 60p input at 4:4:4/4:2:2/4:2:0
- EDID Emulation
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Analyzes HDR Infoframe data coming in over HDMI as HDMI v2.0b/CTA-861-G using AJA Mini-Config software
- HDR Infoframe decoder as defined in CTA-861-G and HDMI v2.0b
- Embedded audio pass-through of E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos.
- Embedded audio can be selected from the HDMI or Analog audio inputs
- Preprocessing controls for sources with high jitter
- Configure via USB port and supplied Mini-Config software

HDMI | Mini-Converters

5 YEAR WARRANTY



4K | HDR

[View Online](#)

HA5-4K \$835

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

- Convert HDMI 2.0b up to 4K/UltraHD 60p to quad or dual 1.5G/3G SDI out
- 2K/HD conversion to single 1.5G/3G SDI out
- Supports Two Sample Interleave (2SI) or Square Division (Quadrant) output pixel mapping
- EDID Emulation
- Real time HDMI HDR Infoframe data reporting
- HDR Metadata VPID Pass-through and optional override
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Embedded audio support 8-ch 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Configure via USB port and supplied Mini-Config software



[View Online](#)

HA5-Plus \$505

HDMI to 3G-SDI Mini-Converter with Embedded Audio

- HDMI to 3G/HD/SD-SDI
- EDID Emulation
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Full HDMI support including embedded audio
- Equalized HDMI input
- PLL clock filtering for low jitter SDI outputs
- HDMI v1.2 standard
- 1m HDMI cable included
- Configure via USB port and supplied Mini-Config software



[View Online](#)

HA5-Fiber \$879

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

- HDMI to 3G-SDI over fiber up to 10 km (32,808 ft)
- EDID Emulation
- Supports single mode 1310 nm fiber optic cable with ST transmitter
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Full HDMI input support including embedded audio
- Additional 2-ch RCA style analog audio (-10dBu nominal) input
- No configuration necessary
- 1m HDMI cable included
- Configure via USB port and supplied Mini-Config software

SCAN | Mini-Converters

5 YEAR WARRANTY

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.

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



ROI-HDMI \$1,245

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

- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalars
- Rotation, Horizontal and Vertical flip controls
- 3G/HD/SD-SDI output support for common SD and HD formats
- 4:3/16:9 conversion modes supported
- EDID Emulation
- Embedded SDI audio output
- Loss of Input management: Black, Freeze, or Mute
- Genlock: Reference Input, or Free Run
- 3.5mm analog audio input embedded into SDI output
- Loop through HDMI connector
- Configure via USB port and supplied Mini-Config software

[View Online](#)



ROI-SDI \$1,245

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

- Convert 3G-SDI to 3G-SDI and HDMI conversion, with Region of Interest scaling
- User adjustable Region of Interest
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalars
- Rotation, Horizontal and Vertical flip controls
- 4:3/16:9 conversion modes supported
- Loss of Input management: Black, Freeze, or Mute
- Genlock: Reference Input, SDI Input, or Free Run
- 2-ch RCA analog audio output
- Easy user control via USB
- 3G-SDI loop through
- Configure via USB port and supplied Mini-Config software

[View Online](#)



ROI-DVI \$1,245

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

- Convert computer signals to professional SDI video, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalars
- Rotation, Horizontal and Vertical flip controls
- 3G/HD/SD-SDI output support for common SD and HD formats
- 4:3/16:9 conversion modes supported
- EDID Emulation
- Embedded SDI audio output
- Loss of Input management: Black, Freeze, or Mute
- Genlock: Reference Input, DVI Input, or Free Run
- 3.5mm analog audio input embedded into SDI output
- Loop through DVI-D connector
- Configure via USB port and supplied Mini-Config software

[View Online](#)



ROI-DP \$1,245

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

- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalars
- Rotation, Horizontal and Vertical flip controls
- 3G/HD/SD-SDI output support for common SD and HD formats
- 4:3/16:9 conversion modes supported
- EDID Emulation
- Embedded SDI audio output
- Loss of Input management: Black, Freeze, or Mute
- Genlock: Reference Input, or Free Run
- 3.5mm analog audio input embedded into SDI output
- Loop through DisplayPort connector
- Configure via USB port and supplied Mini-Config software

[View Online](#)

SCALING | Mini-Converters

5 YEAR WARRANTY

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



[View Online](#)

UDC \$879

Up, Down, Cross Mini-Converter

- Converts between 3G, HD, and SD formats
- Supports 1080p50, 60
- Very high quality conversions
- Built-in frame synchronizer
- Loss of input management: Freeze, Black, or Mute
- 3G-SDI input
- Simultaneous SDI and HDMI outputs
- 16-ch embedded SDI audio
- HDMI output with 8-ch audio
- 2-ch RCA analog audio output
- Genlock: Reference Input, SDI Input, or Free Run
- Configure via DIP switch or USB port and supplied Mini-Config software



[View Online](#)

HDP3 \$879

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

- 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-ch RCA analog audio output (user assignable channels)
- HD-SDI/SDI looping output
- Configure via USB port and supplied Mini-Config software

IP | Mini-Converters

5 YEAR WARRANTY

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



[View Online](#)

IPT-10G2-HDMI \$1,615

HDMI 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



[View Online](#)

IPT-10G2-SDI \$1,759

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



[View Online](#)

IPR-10G2-HDMI \$1,615

SMPTE ST 2110 IP Video and Audio to HDMI Converter

- SMPTE 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 RJ-45 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



[View Online](#)

IPR-10G2-SDI \$1,759

SMPTE ST 2110 IP Video and Audio to SDI Converter

- SMPTE ST 2110 audio, video receiver
- 2x 3G-SDI Outputs (Mirrored)
- 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 RJ-45 socket for control LAN with status light
- NMOS and Ember+ support
- Embedded SDI 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

ANALOG | Mini-Converters

5 YEAR WARRANTY

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



V2Digital™ \$439

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 DIP switch or USB port and supplied Mini-Config software

[View Online](#)

Note: V2Digital does not up or down-convert between SD and HD resolutions. Only analog to digital signal conversion is supported.



V2Analog™ \$439

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, Composite, S-Video output
- Configure via DIP switch or USB port and supplied Mini-Config software

[View Online](#)

Note: V2Analog does NOT up-convert and/or down-convert between SD and HD resolutions. Only digital to analog signal conversion is supported.

OPTICAL FIBER | Mini-Converters

Single, Dual, and Quad Channel SDI/Fiber Converters

FIDO is a family of SDI/Optical Fiber extenders. FIDO allows the transport of 12G/6G/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. 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

5 YEAR
WARRANTY



Models:

- **FIDO-TR-12G:** 1-Ch 12G-SDI/LC Single Mode LC Fiber Transceiver
- **FIDO-2T-12G:** 2-Ch 12G-SDI to Single Mode LC Fiber Transmitter
- **FIDO-T-12G:** 1-Ch 12G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out
- **FIDO-T-12G-ST:** 1-Ch 12G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out
- **FIDO-2R-12G:** 2-Ch Single Mode LC Fiber to 12G-SDI Receiver
- **FIDO-R-12G:** 1-Ch Single Mode LC Fiber to 12G-SDI Receiver, with Dual SDI Out
- **FIDO-R-12G-ST:** 1-Ch Single Mode ST Fiber to 12G-SDI Receiver, with Dual SDI Out
- **FIDO-4T:** 4-Ch 3G-SDI to Single Mode LC Fiber Transmitter
- **FIDO-4T-ST:** 4-Ch 3G-SDI to Single Mode ST Fiber Transmitter
- **FIDO-4T-MM:** 4-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter
- **FIDO-4R:** 4-Ch Single Mode LC Fiber to 3G-SDI Receiver
- **FIDO-4R-ST:** 4-Ch Single Mode ST Fiber to 3G-SDI Receiver
- **FIDO-4R-MM:** 4-Ch Multi-Mode LC Fiber to 3G-SDI Receiver
- **FIDO-2T:** 2-Ch 3G-SDI to Single Mode LC Fiber Transmitter
- **FIDO-2T-MM:** 2-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter
- **FIDO-2R:** 2-Ch Single Mode LC Fiber to 3G-SDI Receiver
- **FIDO-2R-MM:** 2-Ch Multi-Mode LC Fiber to 3G-SDI Receiver
- **FIDO-TR:** 1-Ch 3G-SDI/LC Single Mode LC Fiber Transceiver
- **FIDO-TR-MM:** 1-Ch 3G-SDI/LC Multi-Mode LC Fiber Transceiver
- **FIDO-T:** 1-Ch 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out
- **FIDO-T-ST:** 1-Ch 3G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out
- **FIDO-T-SC:** 1-Ch 3G-SDI to Single Mode SC Fiber Transmitter, with SDI Loop Out
- **FIDO-T-MM:** 1-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out
- **FIDO-R:** 1-Ch Single Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Out
- **FIDO-R-ST:** 1-Ch Single Mode ST Fiber to 3G-SDI Receiver, with Dual SDI Outputs
- **FIDO-R-SC:** 1-Ch Single Mode SC Fiber to 3G-SDI Receiver, with Dual SDI Output
- **FIDO-R-MM:** 1-Ch Multi-Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Out

OPTICAL FIBER | Mini-Converters

5 YEAR WARRANTY

FiDO is a family of SDI/Optical Fiber extenders. FiDO allows the transport of 12G/6G/3G/HD/SD-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



4K | HDR

[View Online](#)

FiDO-TR-12G \$1,659

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

- Duplex connection (LC connector)
- 12G/6G/3G/HD/SD-SDI input and output
- Support for HDR – High Dynamic Range video
- Bidirectional, independent dual channel fiber



4K | HDR

[View Online](#)

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

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

- 2 simplex or 1 duplex connection (LC connector)
- 2 independent channels of 12G/6G/3G/HD/SD-SDI inputs
- Support for HDR – High Dynamic Range video
- Both SDI-to-Fiber paths are completely independent



4K | HDR

[View Online](#)

FiDO-T-12G \$989

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

- Simplex connection (LC connector)
- 12G/6G/3G/HD/SD-SDI input
- Support for HDR – High Dynamic Range video
- Reclocked loop through of SDI input



4K | HDR

[View Online](#)

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

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

- Simplex connection (ST connector)
- 12G/6G/3G/HD/SD-SDI input
- Support for HDR – High Dynamic Range video
- Reclocked loop through of SDI input



4K | HDR

[View Online](#)

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

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

- 2 simplex or 1 duplex connection (LC connector)
- 2 independent channels of 12G/6G/3G/HD/SD-SDI output
- Support for HDR – High Dynamic Range video
- Both Fiber-to-SDI paths are completely independent



4K | HDR

[View Online](#)

FiDO-R-12G \$989

1-Ch Single Mode LC Fiber to
12G-SDI Receiver, with Dual SDI Out

- Simplex connection (LC connector)
- 12G/6G/3G/HD/SD-SDI output
- Support for HDR – High Dynamic Range video
- Second SDI output (DA: same signal)
- Dual, matching SDI outputs

OPTICAL FIBER | Mini-Converters

5 YEAR WARRANTY



4K | HDR

[View Online](#)

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

1-Ch Single Mode ST Fiber to 12G-SDI Receiver, with Dual SDI Out

- Simplex connection (ST connector)
- 12G/6G/3G/HD/SD-SDI output
- Support for HDR – High Dynamic Range video
- Dual, matching SDI outputs



4K

[View Online](#)

FiDO-4T \$1,869

4-Ch 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



4K

[View Online](#)

FiDO-4T-ST \$1,869

4-Ch 3G-SDI to Single Mode ST Fiber Transmitter

- 4 simplex output connection (ST connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links



4K

[View Online](#)

FiDO-4T-MM \$2,485

4-Ch 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



4K

[View Online](#)

FiDO-4R \$1,869

4-Ch 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



4K

[View Online](#)

FiDO-4R-ST \$1,869

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

- 4 simplex input connection (ST connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links

OPTICAL FIBER | Mini-Converters

5 YEAR WARRANTY



FiDO-4R-MM \$2,485

4-Ch 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

4K

[View Online](#)



FiDO-2T \$815

2-Ch 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

[View Online](#)



FiDO-2T-MM \$1,109

2-Ch 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

[View Online](#)



FiDO-2R \$815

2-Ch 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

[View Online](#)



FiDO-2R-MM \$1,109

2-Ch 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

[View Online](#)



FiDO-TR \$815

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

- 1-ch 3G-SDI/LC Single Mode LC Fiber Transceiver
- Duplex connection (LC connector)
- 3G/HD/SD-SDI input and output
- Bidirectional, dual channel fiber

[View Online](#)

OPTICAL FIBER | Mini-Converters

5 YEAR WARRANTY



FiDO-TR-MM \$1,109

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

- Duplex connection (LC connector)
- 3G/HD/SD-SDI input and output
- Bidirectional, independent dual channel fiber

[View Online](#)



FiDO-T \$559

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

- Simplex connection (LC connector)
- 3G/HD/SD-SDI input
- Looping SDI output

[View Online](#)



FiDO-T-ST \$559

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

- Simplex connection (ST connector)
- 3G/HD/SD-SDI input
- Looping SDI output

[View Online](#)



FiDO-T-SC \$559

1-Ch 3G-SDI to Single Mode
SC Fiber Transmitter, with SDI Loop Out

- Simplex connection (SC connector)
- 3G/HD/SD-SDI input
- Looping SDI output

[View Online](#)



FiDO-T-MM \$869

1-Ch 3G-SDI to Multi-Mode
LC Fiber Transmitter, with SDI Loop Out

- Simplex connection (LC connector)
- 3G/HD/SD-SDI input
- Looping SDI output

[View Online](#)



FiDO-R \$559

1-Ch Single Mode LC Fiber to
3G-SDI Receiver, with Dual SDI Out

- Simplex connection (LC connector)
- 3G/HD/SD-SDI output
- Dual, matching SDI outputs

[View Online](#)

OPTICAL FIBER | Mini-Converters

5 YEAR WARRANTY



FiDO-R-ST \$559

1-Ch Single Mode ST Fiber to 3G-SDI Receiver, with Dual SDI Outputs

- Simplex input connection (ST connector)
- 3G/HD/SD-SDI output
- Dual, matching SDI outputs

[View Online](#)



FiDO-R-SC \$559

1-Ch Single Mode SC Fiber to 3G-SDI Receiver, with Dual SDI Output

- Simplex connection (SC connector)
- 3G/HD/SD-SDI output
- Dual, matching SDI outputs

[View Online](#)



FiDO-R-MM \$869

1-Ch Multi-Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Out

- Simplex connection (LC connector)
- 3G/HD/SD-SDI output
- Dual, matching SDI outputs

[View Online](#)

SFP | Options



SFP Options Start at \$255

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

AJA SFP Configurator

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

[AJA SFP Configurator](#)



Single Mode SC SFP Modules

Single Channel SC Fiber Transmitters and Receivers

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

Single Mode LC SFP Modules

Single and Dual Channel LC Fiber Transmitters and Receivers

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

Multi-Mode LC SFP Modules

Single and Dual Channel LC Fiber Transmitters and Receivers

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

Single Mode 12G SFP Modules

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

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

Mini-Converter | Accessories

5 YEAR WARRANTY



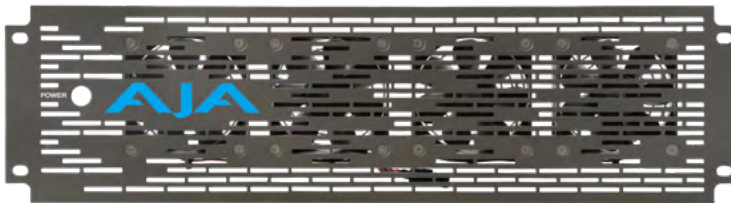
DRM2 \$1,295 or DRM2-AP \$1,495

Next Generation Mini-Converter Rackmount Frame

The DRM2 is our next generation rackmount frame for securing and powering AJA Mini-Converters (sold separately). The DRM2 is a 3RU high rack frame that can accommodate up to 12 AJA Mini-Converters with its 200W 100-240V, 50/60Hz power supply. Mini-Converters are mounted on carriers that feature a quick release design and easy access via the rear or removable front panel. The DRM2 includes the vented, passively cooled faceplate. The DRM2-AP includes the actively cooled faceplate that features four cooling fans for high temperature environments. The faceplate is removable, allowing easy access to converters and cabling.

The DRM2 can be configured to hold up to 24 AJA FiDO Mini-Converters (sold separately) with optional Y-Cables. With a full complement of 24 FiDOs, up to 48 channels of SDI to Fiber or Fiber to SDI conversion is possible.

[View Online](#)



DRM2-CH



DRM2-YC Y-Cable

DRM2-AFP \$200

DRM2 Active Faceplate Option

The DRM2 active faceplate provides appropriate airflow for thermal cooling via its four integrated fans and is an easy upgrade for thermally challenged environments.

[View Online](#)

Additional Options:

DRM2-CH Carrier and Mounting Hardware (1) \$25

DRM2-CH12 Carrier and Mounting Hardware (12 Pack) \$250

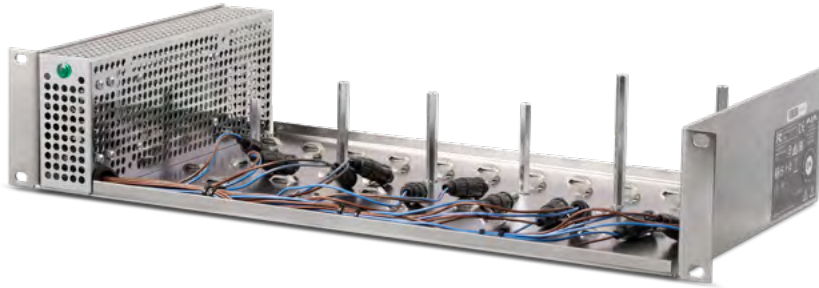
DRM2-YC Y-Cable (1) \$45 or DRM2-YC12 Y-Cable (12 Pack) \$450

DRM2-YC is for powering 2x FiDO Converters per Carrier

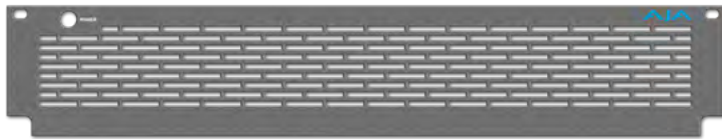
[View Online](#)

Mini-Converter | Accessories

5 YEAR WARRANTY



[View Online](#)



DRM FCP \$145

Front Panel Cover for the DRM Frame

DRM front panel for the DRM frame provides a cover to protect devices within the frame and provides appropriate airflow for thermal cooling.

[View Online](#)

DRM \$749

Mini-Converter Rackmount Frame

The DRM provides an open-ended rackmountable frame for holding and powering AJA Mini-Converters (sold separately). The DRM is a 2RU high frame that can accommodate up to 6 of the larger AJA Mini-Converters (HD10 series)*. 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.**

**NOTE: The largest Mini-Converters extend above the 2RU chassis height. One to two additional RU of empty space above the DRM-R2 frame is required for these large Mini-Converters.*

***NOTE: The total power consumption of all Mini-Converters installed in the DRM and active at one time should not exceed 50 watts. If more power and flexibility is required in rack frame form factor, please consider the DRM2 above or, if a redundant power supply is required, explore the openGear versions of many of our mini-converters at: <https://www.aja.com/family/opengear>*



DRM P/S \$475

Spare Power Supply for DRM Frame

[View Online](#)

Mini-Converter | Accessories

5 YEAR WARRANTY



DWP-Plus \$75

Universal Power Supply

The DWP-Plus is an internationally compatible universal power supply. With four interchangeable plug adapters, the DWP-Plus can be used virtually anywhere in the world. A molded, latching connector with gold pins ensures the DWP-Plus meets the high reliability requirements of the professional video industry.

[View Online](#)



PWR-CABLE \$99

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.

[View Online](#)



P-TAP-CBL \$75

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.

[View Online](#)



CMP \$129

Converter Mounting Plate

Mount most AJA Mini-Converters on industry standard wireless transmitter brackets. Flexible mounting options allow direct attachment of converters to cameras, rigs, and battery plates. One bracket with two mounting screws included.

[View Online](#)

Mini-Converter | Accessories

5 YEAR WARRANTY



12G-AM XLR Cable \$89

XLR Breakout Cable

Optional breakout cable with 1x 25 pin D male connector to 8 XLR connectors providing 8-ch of input and 8-ch of output simultaneously. *Also compatible with the 12G-AMA, 3G-AM, 3G-AMA, and ADA4.*

NOTE: The 12G-AMA & 3G-AMA only support 4-ch of input and 4-ch of analog audio.

[View Online](#)



12G-AM BNC Cable \$89

AES BNC Breakout Cable

Optional breakout cable with 1x 25 pin D male connector to 8 BNC connectors providing 8-ch of input and 8-ch of output simultaneously. *Also compatible with the 3G-AM.*

[View Online](#)



RMB \$15

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.

[View Online](#)

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

NEW

openGear | ColorBox \$1,995 [View Online](#)

openGear In-line HDR/SDR Algorithmic and LUT Color Transforms

OG-ColorBox is a high performance, color management openGear card designed for the color conversion and color correction needs of broadcast, live events, and on-set applications. It utilizes 12G-SDI for single wire 4K/UltraHD HDR/WCG/SDR signal conversions up to 4:2:2 10-bit 60p or 4:4:4 12-bit 30p, with six unique color processing pipelines and the ability to also do down-conversions and crops on the fly.



COLOR

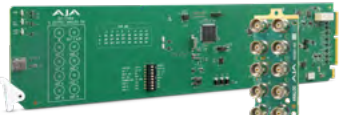
OG-ColorBox

- 10, 12-bit 12G-SDI I/O for up to 4K/UltraHD HDR/WCG
- 10, 12-bit HDMI 2.0 output for up to 4K/UltraHD HDR/WCG
- Ultra-low latency, less than 0.5 of a video line
- Extensive AJA Color Pipeline processing in 12-bit RGB
 - 33pt. 3D LUT processor with tetrahedral interpolation
 - 7x processing nodes plus Overlay
- Six Color Processing Pipelines
 - AJA Color
 - Colorfront (Licensable option)
 - ORION-CONVERT (Licensable option)
 - BBC HLG LUTs (Licensable option)
 - NBCU LUTs
 - ACES
- HDR signaling metadata management
- Down-convert 4K to 2K or UltraHD to HD via SDI and/or HDMI outputs
- 4K/2K Crop for HDMI output
- Built-in Frame Store
 - Test Pattern Generator up to 4K/UltraHD, 14 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
- Power: 19 watts
- Hot-swappable
- Rear I/O card included
- Two slots required for each card
- Redundant power supply option with openGear frame

AJA Mini-Matrix: Converter Search Software

www.aja.com/software/mini-matrix

NEW



OG-C10DA \$449

openGear Analog Video 1x9 Distribution Amplifier

- 1x9 analog distribution amplifier, (1x loop out option)
- Supports analog NTSC, PAL, blackburst, or tri-level sync
- AES3-id (digital unbalanced audio) and LTC supported
- Selectable input - external BNC, frame input Ref 1 or frame input Ref 2
- Monitor and control via Ross DashBoard software
- DIP switches for local control (Loop, Ref In, Termination, and Gain)
- Input Present LED
- Power: 6.75 watts max per card
- Hot-swappable
- Five year warranty

[View Online](#)



4K | HDR

OG-12GM \$1,189

openGear 12G-SDI to/from SDI Muxer/Demuxer

- SDI Transport Converter for 12G, 6G, 3G, and 1.5G-SDI
- Supports multiple types of Quad, Dual, and Single type conversions
- Two Sample Interleave to/from Square Division
- 3G-SDI Level A to/from Quad 3G-SDI Level B Dual Link
- 3G-B Dual Stream Support
- HDR signaling metadata pass-through and override
- Input timing analyzer for multi-link signals
- Configurable as 1x4 DA
- Automatic input equalization and output reclocking
- Rear I/O included
- Power: 13 watts
- Hot-swappable

[View Online](#)



Dante

4K

OG-DANTE-12GAM \$2,969

openGear 12G-SDI/DANTE 64-Ch Embedder/Disembedder

- 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-ch 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

[View Online](#)



OG-FS-Mini \$879

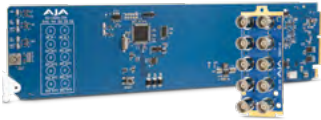
openGear 3G-SDI Frame Synchronizer

- 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
- Loss of Input management: Freeze, Black, or Mute
- Synchronizes 3G, HD, SD video formats
- Simultaneous SDI and HDMI outputs
- 16-ch embedded SDI audio I/O
- Up, down, cross-conversion between 3G, HD, and SD video formats

[View Online](#)

AJA Mini-Matrix: Converter Search Software

www.aja.com/software/mini-matrix



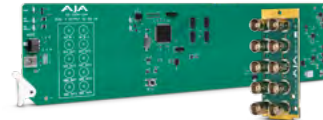
4K | HDR

[View Online](#)

OG-12GDA-2x4 \$869

openGear Dual 1x4 12G-SDI Distribution Amplifier

- 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, and all ancillary data, including Closed Captioning and timecode
- Input Present and Input SMPTE Lock LEDs
- 10x 12G-BNC rear connector module included
- Power: 4.5 watts
- Hot-swappable

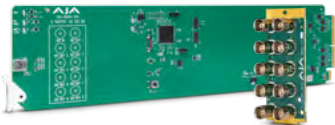


[View Online](#)

OG-3GDA-2x4 \$695

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 (2x4 mode)
- Outputs: 8x 3G-SDI BNC
 - 4x outputs noninverting (1x8 mode)
 - 2x outputs noninverting (2x4 mode)
- Monitor via openGear DashBoard
- Passes embedded audio, and all ancillary data, including Closed Captioning and timecode
- 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



[View Online](#)

OG-3GDA-1x9 \$625

openGear 1x9 3G-SDI Reclocking DA

- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x 3G-SDI BNC
- Outputs: 9x 3G-SDI BNC
- Monitor via openGear DashBoard
- Passes embedded audio, and all ancillary data, including Closed Captioning and timecode
- 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



4K | HDR

[View Online](#)

OG-12G-AM \$1,245

openGear 12G-SDI 16-Ch AES/EBU Embedder/Disembedder

- Compact 12G-SDI 16-ch simultaneous AES/EBU audio disembedder/embedder
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without SDI input
- Configure via Ross DashBoard software
- Power: 6 watts max

AJA Mini-Matrix: Converter Search Software

www.aja.com/software/mini-matrix



4K | HDR

[View Online](#)

OG-12G-AMA \$1,245

openGear 12G-SDI 8-Ch Analog Audio Embedder/Disembedder

- Compact 12G-SDI 8-ch simultaneous analog audio disembedder/embedder
- Selectable analog audio level
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without SDI input
- Configure via Ross DashBoard software
- Power: 8 watts max

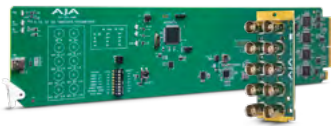


[View Online](#)

OG-3G-AMA \$999

openGear 3G-SDI Analog Audio Embedder/Disembedder

- 3G-SDI Audio Embedder/Disembedder
- 8-ch Balanced Analog Audio I/O
- 8x 3-Pin Terminal Block connectors (included)
- Controlled by DashBoard network control software and external DIP switch
- Power: 5.0 watts max



[View Online](#)

OG-3G-AMD \$999

openGear 3G-SDI 8-Ch 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
- Hot-swappable
- Power: 5.0 watts

OPENGEAR | HDMI Cards

5 YEAR WARRANTY

AJA Mini-Matrix: Converter Search Software

www.aja.com/software/mini-matrix

OG-Hi5-12G Features

- Convert 12G-SDI to HDMI 2.0b at up to 4K 60p
- Support for 4:4:4/4:2:2/4:2:0 HDMI 2.0b output
- Supports 12-bit workflows
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-channel 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Supports up to 100 frames of audio delay
- 12G-SDI loop out
- Fiber SFP models available
- Monitor and control via the DashBoard software
- Power: 13 watts max

OG-HA5-12G Features

- Convert HDMI 2.0 to 4K/UltraHD 60 fps to 12G-SDI with a second mirrored output
- Supports up to 60p input at 4:4:4/4:2:2/4:2:0
- Supports 12-bit workflows
- EDID LFR & HFR Emulation up to UltraHD and p60
- Real time HDMI HDR Infoframe data reporting
- HDR signaling metadata pass-through and optional override
- Simple Frame Rate Conversion (FRC) between Fractional and Integer rates
- Embedded audio can be selected from the HDMI or Analog audio inputs
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Monitor and control via the DashBoard software
- Power: 14 watts max



OG-Hi5-12G \$999

openGear 12G-SDI to HDMI 2.0 Conversion



OG-Hi5-12G-R-ST \$1,375

openGear 12G-SDI to HDMI 2.0 Conversion
ST Fiber Receiver



OG-HA5-12G \$999

openGear HDMI 2.0 to 12G-SDI Conversion



OG-Hi5-12G-TR \$1,495

openGear 12G-SDI to HDMI 2.0 Conversion
LC Fiber Transceiver



OG-HA5-12G-T \$1,245

openGear HDMI 2.0 to 12G-SDI Conversion
an LC Fiber Transmitter



OG-Hi5-12G-R \$1,245

openGear 12G-SDI to HDMI 2.0 Conversion
LC Fiber Receiver



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

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

OPENGEAR | HDMI Cards

5 YEAR WARRANTY

AJA Mini-Matrix: Converter Search Software

www.aja.com/software/mini-matrix



4K | HDR

[View Online](#)

OG-Hi5-4K-Plus \$835

openGear 4K/UltraHD (4x 3G-SDI) to Full HDMI 2.0 Conversion

- Convert quad 3G-SDI to HDMI 2.0 up to 4K/UltraHD 60p
- Fully supports HDMI 2.0 to the maximum 18 Gbps for 4K/UltraHD 50/59.94/60 4:2:2/4:4:4
- Supports 12-bit workflows
- HDR support with HDR10 and HLG
- Supports Quad 3G and 1.5G / Dual Link 3G / 3G-SDI
- Supports Two Sample Interleave (2SI) and Square Division (Quadrant) input pixel mapping
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-ch 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Remote Ethernet configuration through Ross DashBoard software
- Power: 12 watts
- Hot-swappable
- Rear I/O card included
- Two slots required for each card



4K | HDR

[View Online](#)

OG-HA5-4K \$835

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

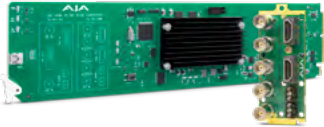
- Convert HDMI 2.0 up to 4K/UltraHD 60p to quad or dual 1.5G/3G SDI out
- Supports Two Sample Interleave (2SI) and Square Division (Quadrant) output pixel mapping
- EDID Emulation
- Real time HDMI HDR Infoframe data reporting with Dashboard software
- HDR Metadata VPID Pass-through and optional override
- Simple Frame Rate Conversion (FRC)
- Embedded audio support 8-ch 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital Plus) and E-AC-3 compressed audio, including DD+ Atmos (aka DD+ JOC)
- Remote Ethernet configuration through Ross DashBoard software
- Power: 10 watts
- Hot-swappable
- Rear I/O card included
- Two slots required for each card

OPENGEAR | Scan Converters

5 YEAR WARRANTY

AJA Mini-Matrix: Converter Search Software

www.aja.com/software/mini-matrix



[View Online](#)

OG-ROI-HDMI \$1,245

HDMI to 3G-SDI Scan Conversion

- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalars
- Rotation, Horizontal, and Vertical flip controls
- 3G/HD/SD-SDI output support
- 4:3/16:9 conversion modes supported
- EDID Emulation
- Embedded SDI audio output
- Loss of Input management: Black, Freeze, or Mute
- Audio input via 3-pin analog connectors or 8-ch HDMI embedded audio
- Controlled by DashBoard network control software
- Hot-swappable
- Power: 8 watts

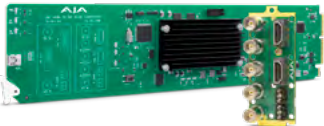


[View Online](#)

OG-ROI-SDI \$1,245

3G-SDI to HDMI/3G-SDI Scan Conversion

- Convert 3G-SDI to 3G-SDI and HDMI conversion, with Region of Interest scaling
- User adjustable Region of Interest
- Frame rate conversion
- Automatic Input detection and configuration
- Scan converter with dual independent scalars
- Rotation, Horizontal, and Vertical flip controls
- 4:3/16:9 conversion modes supported
- Loss of Input management: Black, Freeze, or Mute
- Genlock: Reference Input, SDI Input, or Free Run
- 2-ch analog audio output of disembedded audio (2x 3-Pin Terminal Block connectors included)
- Remote Ethernet configuration through Ross DashBoard software
- Hot-swappable
- Power: 7 watts



[View Online](#)

OG-ROI-DVI \$1,245

DVI to 3G-SDI Scan Conversion

- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalars
- Rotation, Horizontal, and Vertical flip controls
- 3G/HD/SD-SDI output support
- 4:3/16:9 conversion modes supported
- EDID Emulation
- Embedded SDI audio output
- Loss of Input management: Black, Freeze, or Mute
- 2-ch analog audio output of disembedded audio inputs or 2-ch or 8-ch DVI audio
- Controlled by DashBoard network control software
- Hot-swappable
- Power: 8 watts

OPENGEAR | Scaling

5 YEAR WARRANTY

AJA Mini-Matrix: Converter Search Software

www.aja.com/software/mini-matrix



OG-UDC \$879

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

- Converts between 3G, HD, and SD formats
- Supports 1080p 50/60
- Loss of Input management: Freeze, Black, or Mute
- 2x 3-Pin Terminal Block connectors (included)
- 16-ch embedded SDI audio input and output
- Reference Input
- Controlled by DashBoard network control software and external DIP switch
- Hot-swappable
- Power: 7.0 watts max per card

[View Online](#)

OPENGEAR | Accessories



OG-X-FR \$1,956

2RU openGear Compatible Rackframe

[View Online](#)



OG-X-PS \$891

Optional Redundant Power Supply for the OG-X-FR and OG-3-FR

[View Online](#)

OPENGEAR | 12G Optical Fiber Cards

5 YEAR WARRANTY

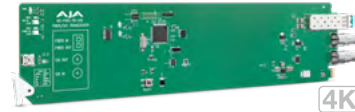
AJA Mini-Matrix: Converter Search Software

www.aja.com/software/mini-matrix

OG-FiDO 12G Features

- Video Formats: 270 Mbps - 12 Gbps, format agnostic
- Support for HDR – High Dynamic Range video
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.967 Gbps, 2.970 Gbps, 5.934 Gbps, 5.940 Gbps, 11.868 Gbps, 11.880 Gbps - Auto Select, all other rates are passed through and not reclocked
- Nominal Wavelength;
 - Single Mode Tx: 1310 nm, Rx: 1260-1620 nm
- Power: 3 watts (max)
- Hot-swappable
- Remote Ethernet Monitor through Ross DashBoard software
- Appropriate Fiber SFP included
- Rear I/O card included
- Two slots required for each card

OPTICAL FIBER



OG-FiDO-TR-12G \$1,659

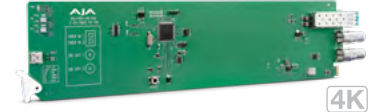
OPTICAL FIBER



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

openGear 2-Ch 12G-SDI to Single Mode LC Fiber Transmitter

OPTICAL FIBER



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

openGear 2-Ch Single Mode LC Fiber to 12G-SDI Receiver

OPTICAL FIBER



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

openGear 1-Ch 12G-SDI to Single Mode ST Fiber Transmitter

OPTICAL FIBER



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

openGear 1-Ch Single Mode ST Fiber to 12G-SDI Receiver

OPENGEAR | 3G Optical Fiber Cards

5 YEAR WARRANTY

AJA Mini-Matrix: Converter Search Software

www.aja.com/software/mini-matrix

OG-FiDO 3G Features

- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and relocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.967 Gbps, 2.970 Gbps - Auto Select, all other rates are passed through, and not relocked
- Nominal Wavelength;
 - Single Mode Tx: 1390 nm, Rx: 1260-1390 nm
 - Multi-Mode Tx/Rx: 850 nm
- Power: 2.5 watts (max)
- Hot-swappable
- Remote Ethernet Monitor through Ross DashBoard software
- Appropriate Fiber SFP included
- Rear I/O card included
- Two slots required for each card

OPTICAL FIBER



OG-FiDO-TR \$815

openGear 1-Ch 3G-SDI/LC Single Mode LC Fiber Transceiver*

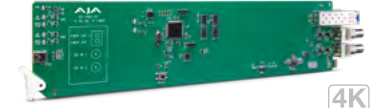
OPTICAL FIBER



OG-FiDO-TR-MM \$1,109

openGear 1-Ch 3G-SDI/LC Multi-Mode LC Fiber Transceiver

OPTICAL FIBER



OG-FiDO-2T \$815

openGear 2-Ch 3G-SDI to Single Mode LC Fiber Transmitter

OPTICAL FIBER



OG-FiDO-2T-MM \$1,109

openGear 2-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter

OPTICAL FIBER



OG-FiDO-2R \$815

openGear 2-Ch Single Mode LC Fiber to 3G-SDI Receiver

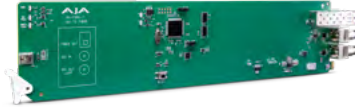
OPTICAL FIBER



OG-FiDO-2R-MM \$1,109

openGear 2-Ch Multi-Mode LC Fiber to 3G-SDI Receiver

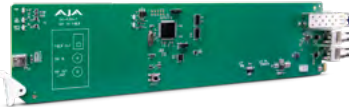
OPTICAL FIBER



OG-FiDO-T \$559

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

OPTICAL FIBER



OG-FiDO-T-MM \$869

openGear 1-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out

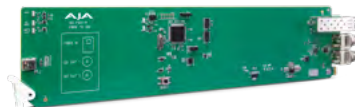
OPTICAL FIBER



OG-FiDO-R \$559

openGear 1-Ch Single Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



OG-FiDO-R-MM \$869

openGear 1-Ch Multi-Mode LC Fiber to 3G-SDI Receiver

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.

11272024

AJA Video Systems, Inc.
Grass Valley, California
www.aja.com • sales@aja.com • support@aja.com

