

Converter Catalog

December 2020



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 Quad 3G-SDI, Multiplexer

5 FS-Mini

3G/HD/SD-SDI Utility Frame Synchronizer

5 3GM

3G-SDI to/from Dual SDI, Multiplexer

5 GEN10

HD/SD Sync Generator

6 12G-AM

12G-SDI 8-Channel AES Embedder/Disembedder

6 12G-AM-T

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

6 12G-AM-TR

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

6 12G-AM-T-ST

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

7 12G-AM-R

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

7 3G-AM

3G-SDI 8-Channel AES Embedder/Disembedder

7 12G-AM-R-ST

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

7 12G-AMA

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

8 12G-AMA-TR

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

8 12G-AMA-T-ST

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

8 12G-AMA-T

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

8 12G-AMA-R

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

9 12G-AMA-R-ST

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

9 12GDA

1 x6 12-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-Channel 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 Mini-Converter with ST Fiber Rx SFP

12 Hi5-4K-Plus

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

12 Hi5-3G

3G-SDI/Dual Link SDI to HDMI 1.3a Video and Audio Mini-Converter

12 Hi5-Plus

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

12 Hi5-Fiber

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

13 Hi5-3D

Dual HD-SDI Multiplexer to HDMI 1.4a and SDI Video and Audio Mini-Converter

13 HA5-12G

HDMI 2.0 to 12G-SDI Mini-Converter,

13 Hi5

HD/SD-SDI to HDMI Mini-Converter with Embedded Audio

13 HA5-12G-T

HDMI 2.0 to 12G-SDI Mini-Converter,

14 HA5-12G-T-ST

HDMI 2.0 to 12G-SDI Mini-Converter,

14 HA5-Plus

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

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

15 HA5

HDMI to HD-SDI/SD-SDI Mini-Converter with Embedded Audio

SCAN

16 ROI-HDMI

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

16 ROI-DVI

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

16 ROI-SDI

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

16 ROI-DP

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

SCALING

17 4K2HD

HD/SD-SDI to SDI/Analog Down Mini-Converter

17 HD10MD4

HD/SD to SDI/Analog Down Mini-Converter

17 UDC

Up, Down, Cross Mini-Converter

17 HDP3

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

IP

18 IPT-10G2-HDMI

HDMI to SMPTE ST 2110 IP Video and Audio Converter

18 IPR-10G2-HDMI

SMPTE ST 2110 IP Video and Audio to HDMI Converter

18 IPT-10G2-SDI

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

18 IPR-10G2-SDI

SMPTE ST 2110 IP Video and Audio to SDI Converter

19 V2Digital

Analog Video to HD/SD-SDI Converter

19 HD10A-Plus

HD Analog to HD-SDI Converter

19 V2Analog

HD/SD-SDI to Analog Video Converter

19 HD10AVA

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

ANALOG

20 HD10CEA

HD/SD-SDI to Analog Audio/Video

LUT-BOX

21 LUT-box

Analog Video to HD/SD-SDI Mini-Converter

HDBASET

22 RovoRx-HDMI

HDBaseT to HDMI Mini-Converter with PoH

22 HB-T-HDMI

HDMI to HDBaseT Mini-Converter

22 RovoRx-SDI

HDBaseT to 6G/3G-SDI and HDMI Mini-Converter with POH, Genlock

22 HB-T-SDI

3G-SDI to HDBaseT Mini-Converter

23 HB-R-HDMI

HDBaseT to HDMI Mini-Converter

23 HB-R-SDI

HDBaseT to 3G-SDI Mini-Converter

AJA CONVERTER CATALOG CONTENTS

OPTICAL FIBER

- 25 **FIDO-TR-12G**
1-Channel 12G-SDI/LC Single Mode LC Fiber Transceiver
- 25 **FIDO-T-12G**
1-Channel 12G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out
- 25 **FIDO-2R-12G**
2-Channel Single Mode LC Fiber to 12G-SDI Receiver
- 25 **FIDO-2T-12G**
2-Channel 12G-SDI to Single Mode LC Fiber Transmitter
- 25 **FIDO-T-12G-ST**
1-Channel 12G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out
- 25 **FIDO-R-12G**
1-Channel Single Mode LC Fiber to 12G-SDI Receiver, with Dual SDI Out
- 26 **FIDO-R-12G-ST**
1-Channel Single Mode ST Fiber to 12G-SDI Receiver, with Dual SDI Out
- 26 **FIDO-4T-ST**
4-Channel 3G-SDI to Single Mode ST Fiber Transmitter
- 26 **FIDO-4R**
4-Channel Single Mode LC Fiber to 3G-SDI Receiver
- 26 **FIDO-4T**
4-Channel 3G-SDI to Single Mode LC Fiber Transmitter
- 26 **FIDO-4T-MM**
4-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter
- 26 **FIDO-4R-ST**
4-Channel Single Mode ST Fiber to 3G-SDI Receiver
- 27 **FIDO-4R-MM**
4-Channel Multi-Mode LC Fiber to 3G-SDI Receiver
- 27 **FIDO-2T-MM**
2-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter
- 27 **FIDO-2R-MM**
2-Channel Multi-Mode LC Fiber to 3G-SDI Receiver
- 27 **FIDO-2T**
2-Channel 3G-SDI to Single Mode LC Fiber Transmitter
- 27 **FIDO-2R**
2-Channel Single Mode LC Fiber to 3G-SDI Receiver
- 27 **FIDO-TR**
1-Channel 3G-SDI/LC Single Mode LC Fiber Transceiver
- 28 **FIDO-TR-MM**
1-Channel 3G-SDI/LC Multi-Mode LC Fiber Transceiver
- 28 **FIDO-T-ST**
1-Channel 3G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out
- 28 **FIDO-T-MM**
1-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out
- 28 **FIDO-T**
1-Channel 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out
- 28 **FiDO-T-SC**
1-Channel 3G-SDI to Single Mode SC Fiber Transmitter, with SDI Loop Out
- 28 **FiDO-R**
1-Channel Single Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Out
- 29 **FiDO-R-ST**
1-Channel Single Mode ST Fiber to 3G-SDI Receiver, with Dual SDI Outputs
- 29 **FiDO-R-MM**
1-Channel Multi-Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Out
- 29 **FiDO-R-SC**
1-Channel Single Mode SC Fiber to 3G-SDI Receiver, with Dual SDI Output
- 30 **AJA SFP Configurator**
- 30 **Single Mode SC SFP Modules**
- 30 **Single Mode LC SFP Modules**
- 30 **Multi-Mode LC SFP Modules**
- 30 **Single Mode 12G LC SFP Modules**

MINI-CONVERTER ACCESSORIES

- 31 **DRM FCP**
Front Panel Cover for the DRM Frame
- 31 **DRM**
Mini-Converter Rackmount Frame
- 31 **DRM P/S**
Spare Power Supply for DRM Frame
- 32 **DWP-U-R1**
Universal Power Supply
- 32 **P-TAP-CBL**
P-Tap to AJA Mini-Converter Power Cable
- 32 **PWR-CABLE**
P-TAP to 2x AJA Mini-Converter Power Connectors
- 32 **CMP**
Converter Mounting Plate
- 33 **RMB**
Rackmount Bracket
- 33 **AJA Mini-Matrix**
Find the Right AJA Converter for Any Situation
- 33 **AJA Mini-Matrix**
Find the Right AJA Converter for Any Situation

OPENGEAR

- 35 **OG-FS-Mini**
openGear 3G-SDI Frame Synchronizer
- 35 **OG-3GDA-2x4**
openGear 2x4 3G-SDI Reclocking DA
- 35 **OG-12GDA-2x4**
openGear Dual 1x4 12G-SDI Distribution Amplifier
- 35 **OG-3GDA-1x9**
openGear 1x9 3G-SDI Reclocking DA

- 36 **OG-3G-AMA**
openGear 3G-SDI Analog Audio Embedder/Disembedder
- 36 **OG-Hi5-4K-Plus**
openGear 4K/UltraHD/2K/HD/SD to Full HDMI 2.0 Converter
- 36 **OG-3G-AMD**
openGear 3G-SDI 8-Channel 24-bit AES Embedder/Disembedder
- 36 **OG-HA5-4K**
openGear 4K/UltraHD/2K/HD/SD HDMI 2.0 to 3G-SDI Conversion
- 37 **OG-ROI-HDMI**
HDMI to 3G-SDI Scan Conversion
- 37 **OG-ROI-DVI**
DVI to 3G-SDI Scan Conversion
- 37 **OG-ROI-SDI**
3G-SDI to HDMI/3G-SDI Scan Conversion
- 38 **OG-4K2HD**
openGear 4K/UltraHD to 3G-SDI and HDMI Down-Converter
- 38 **OG-UDC**
openGear 3G-SDI Up, Down, Cross-Converter
- 38 **OG-X-PS**
Optional redundant power supply for the OG-X-FR
- 39 **OG-FIDO-TR**
openGear 1-Channel 3G-SDI/LC Single Mode LC Fiber Transceiver
- 39 **OG-FIDO-2T**
openGear 2-Channel 3G-SDI to Single Mode LC Fiber Transmitter
- 39 **OG-FIDO-TR-MM**
openGear 1-Channel 3G-SDI/LC Multi-Mode LC Fiber Transceiver
- 39 **OG-FIDO-2T-MM**
openGear 2-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter
- 39 **OG-FIDO-2R**
openGear 2-Channel Single Mode LC Fiber to 3G-SDI Receiver
- 39 **OG-FIDO-T**
openGear 1-Channel 3G-SDI to Single Mode LC Fiber Transmitter
- 39 **OG-FIDO-2R-MM**
openGear 2-Channel Multi-Mode LC Fiber to 3G-SDI Receiver
- 39 **OG-FIDO-T-MM**
openGear 1-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter
- 39 **OG-FIDO-R**
openGear 1-Channel Single Mode LC Fiber to 3G-SDI Receiver
- 39 **OG-FIDO-R-MM**
openGear 1-Channel Multi-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 LEGENDARY
YEAR
WARRANTY



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.

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[Download App](#)

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INFRASTRUCTURE | Mini-Converters

5 LEGENDARY 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 \$895

12G-SDI to/from Quad 3G-SDI, Multiplexer

- 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/from Square Division (Quadrant) 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
- Configure via USB port and supplied Mini-Config software



[View Online](#)

3GM \$495

3G-SDI to/from Dual 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
- Configure via USB port and supplied Mini-Config software



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FS-Mini \$695

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
- Up, down, cross-conversion between 3G, HD, and SD video formats
- Freeze (on input signal loss) to black or last good frame
- Configure via DIP switch or USB port and supplied Mini-Config software



4K

[View Online](#)

GEN10 \$345

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 LEGENDARY
YEAR
WARRANTY



4K | HDR

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12G-AM \$995

12G-SDI 8-Channel AES Embedder/Disembedder

- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 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



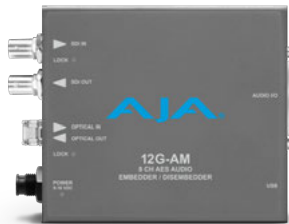
4K | HDR

[View Online](#)

12G-AM-TR \$1395

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

- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- LC Fiber 12G transceiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 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 \$1295

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

- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- LC Fiber 12G transmitter
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 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

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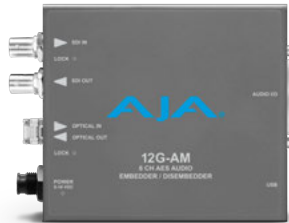
12G-AM-T-ST \$1395

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

- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- ST Fiber 12G transmitter
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 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 LEGENDARY
YEAR
WARRANTY



4K | HDR

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12G-AM-R \$1295

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

- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- LC Fiber 12G receiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 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

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12G-AM-R-ST \$1395

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

- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- ST Fiber 12G receiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 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



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3G-AM \$795

3G-SDI 8-Channel AES Embedder/Disembedder

- 3G-SDI embedder/disembedder
- 8-channel 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

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12G-AMA \$995

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

- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- Supports up to 4K/UltraHD single link
- Selectable analog audio level
- 12G/6G/3G SDI input, autodetect
- 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 LEGENDARY
YEAR
WARRANTY



4K | HDR

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12G-AMA-TR \$1395

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

- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- LC Fiber 12G transceiver
- Supports up to 4K/UltraHD single link
- Selectable analog audio level
- 12G/6G/3G SDI input, autodetect
- 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

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12G-AMA-T \$1295

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

- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- LC Fiber 12G Transmitter
- Supports up to 4K/UltraHD single link
- Selectable analog audio level
- 12G/6G/3G SDI input, autodetect
- 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

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12G-AMA-T-ST \$1395

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

- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- ST Fiber 12G transmitter
- Supports up to 4K/UltraHD single link
- Selectable analog audio level
- 12G/6G/3G SDI input, autodetect
- 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

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12G-AMA-R \$1295

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

- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- LC Fiber 12G receiver
- Supports up to 4K/UltraHD single link
- Selectable analog audio level
- 12G/6G/3G SDI input, autodetect
- 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 LEGENDARY
YEAR
WARRANTY



4K | HDR

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12G-AMA-R-ST \$1395

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

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



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3G-AMA \$795

3G-SDI Analog Audio Embedder/Disembedder

- 3G-SDI embedder/disembedder
- 4-channel 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

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12GDA \$495

1 x6 12-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



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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: 270mb, 350m, HD: 1.5Gb, 200m
- 3G/HD/SD-SDI input, auto sensing
- Passes all ancillary data

INFRASTRUCTURE | Mini-Converters

5 LEGENDARY
YEAR
WARRANTY



HD5DA \$195

1x4 HD/SD-SDI Distribution Amplifier

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

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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

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C10DA \$175

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

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 \$795

12G-SDI to HDMI 2.0 Mini-Converter

- 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 v2.0b/ CTA-861-G and supports HLG over HDMI
- Provides a monitoring connection from professional 4K devices using 12G-SDI over coaxial output to new displays with HDMI 2.0 inputs, for cost effective monitoring
- 12G-SDI single link input with a relocked SDI loop out for simpler SDI confidence monitoring or pass on for SDI pipelines
- Configure via USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

Hi5-12G-TR \$1195

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

- Pristine image fidelity and HFR support up to 60p for 4K/UltraHD 12G-SDI to HDMI 2.0 conversion with a single cable
- Includes a single channel LC Fiber 12G transceiver, which extends 12G-SDI signals over long distances (10 km Single Mode)
- Generates HDR10 metadata in accordance with HDMI v2.0b/ CTA-861-G and supports HLG over HDMI
- Provides a monitoring connection from professional 4K devices using 12G-SDI over coaxial output to new displays with HDMI 2.0 inputs, for cost effective monitoring
- 12G-SDI single link input with a relocked SDI loop out for simpler SDI confidence monitoring or pass on for SDI pipelines
- Configure via USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

Hi5-12G-R \$995

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

- Pristine image fidelity and HFR support up to 60p for 4K/ UltraHD 12G-SDI to HDMI 2.0 conversion with a single cable
- Includes a single channel LC Fiber 12G receiver, which extends 12G-SDI signals over long distances (10 km Single Mode)
- Generates HDR10 metadata in accordance with HDMI v2.0b/ CTA-861-G and supports HLG over HDMI
- Provides a monitoring connection from professional 4K devices using 12G-SDI over coaxial output to new displays with HDMI 2.0 inputs, for cost effective monitoring
- 12G-SDI single link input with a relocked SDI loop out for simpler SDI confidence monitoring or pass on for SDI pipelines
- Configure via USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

Hi5-12G-R-ST \$1095

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

- Pristine image fidelity and HFR support up to 60p for 4K/UltraHD 12G-SDI to HDMI 2.0 conversion with a single cable
- Includes a single channel ST Fiber 12G receiver, which extends 12G-SDI signals over long distances (10 km Single Mode)
- Generates HDR10 metadata in accordance with HDMI v2.0b/CTA-861-G and supports HLG over HDMI
- Provides a monitoring connection from professional 4K devices using 12G-SDI over coaxial output to new displays with HDMI 2.0 inputs, for cost effective monitoring
- 12G-SDI single link input with a relocked SDI loop out for simpler SDI confidence monitoring or pass on for SDI pipelines
- Configure via USB port and supplied Mini-Config software

HDMI | Mini-Converters



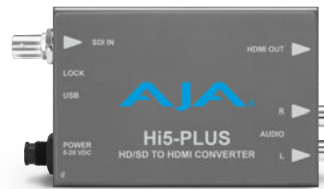
4K | HDR

[View Online](#)

Hi5-4K-Plus \$595

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
- 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



[View Online](#)

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

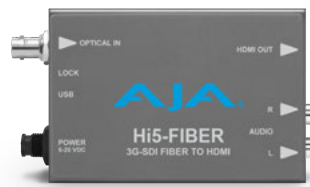


[View Online](#)

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 DIP switch or USB port and supplied Mini-Config software



[View Online](#)

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

HDMI | Mini-Converters

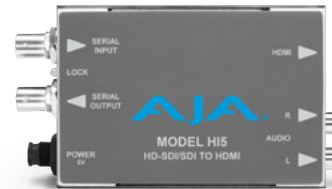


Hi5-3D \$495

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 DIP switch or USB port and supplied Mini-Config software

[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](#)



HA5-12G \$795

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
- HDMI EDID Emulation
- 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 indicates by color whether the HDMI input circuit is locked, and if so, the SDI output data rate. 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

4K | HDR

[View Online](#)



HA5-12G-T \$995

HDMI 2.0 to 12G-SDI Mini-Converter,

- Convert HDMI 2.0b up to 4K 60p to 12G-SDI with a second mirrored output
- Support for up to 60p input at 4:4:4/4:2:2/4:2:0
- Includes a single channel LC Fiber 12G transmitter, which extends 12G-SDI signals over long distances (10 km Single Mode)
- HDMI EDID Emulation
- 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 indicates by color whether the HDMI input circuit is locked, and if so, the SDI output data rate. 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

4K | HDR

[View Online](#)

HDMI | Mini-Converters



4K | HDR

[View Online](#)

HA5-12G-T-ST \$1095

HDMI 2.0 to 12G-SDI Mini-Converter,

- Convert HDMI 2.0b up to 4K 60p to 12G-SDI with a second mirrored output
- Support for up to 60p input at 4:4:4/4:2:2/4:2:0
- Includes a single channel ST Fiber 12G transmitter, which extends 12G-SDI signals over long distances (10 km Single Mode)
- HDMI EDID Emulation
- 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 indicates by color whether the HDMI input circuit is locked, and if so, the SDI output data rate. 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



4K | HDR

[View Online](#)

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



[View Online](#)

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
- PLL clock filtering for low jitter SDI outputs
- Lock LED shows type of input source: SD (green), HD (red), or 3G (amber)
- HDMI v1.2 standard
- 1m HDMI cable included
- Configure via USB port and supplied Mini-Config software



[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

HDMI | Mini-Converters

5 LEGENDARY
YEAR
WARRANTY



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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
- 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

SCAN | Mini-Converters

5 LEGENDARY
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



[View Online](#)

ROI-HDMI \$995

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 software
- 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
- 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



[View Online](#)

ROI-SDI \$995

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
- Reference input
- 2-channel 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 \$995

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 software
- 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
- 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



[View Online](#)

ROI-DP \$995

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 software
- 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
- 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

SCALING | Mini-Converters

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



4K

[View Online](#)

4K2HD \$795

HD/SD-SDI to SDI/Analog Down Mini-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/SD-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



[View Online](#)

UDC \$695

Up, Down, Cross Mini-Converter

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



[View Online](#)

HD10MD4 \$995

HD/SD to SDI/Analog Down Mini-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
- Configure via DIP switch, or USB port and supplied Mini-Config software

[View Online](#)

HDP3 \$695

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

IP | Mini-Converters

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 \$1295

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 \$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



[View Online](#)

IPR-10G2-HDMI \$1295

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 \$1295

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 LEGENDARY
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 \$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 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 \$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, 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.



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

[View Online](#)



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

[View Online](#)

ANALOG | Mini-Converters

5 LEGENDARY
YEAR
WARRANTY



[View Online](#)

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

LUT-box | Mini-Converter

5 LEGENDARY
YEAR
WARRANTY

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

3G-SDI In-line Color Transform Mini-Converter

- Ensure proper image monitoring on-set or in the studio
- Simultaneous SDI and HDMI outputs
- 3D LUT support at 17x17x17
- +5 to 20VDC regulated, 8 watts max
- 12-bit processing
- 8-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](#)

HDBaseT | Mini-Converters

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



4K

[View Online](#)

RovoRx-HDMI \$495

HDBaseT to HDMI Mini-Converter with PoH

- 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
- Designed for the AJA RovoCam



4K

[View Online](#)

RovoRx-SDI \$995

HDBaseT to 6G/3G-SDI and HDMI Mini-Converter with POH, Genlock

- HDBaseT 4K/UltraHD Signal Extender
- Converts HDBaseT to HDMI and SDI
- 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



[View Online](#)

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



[View Online](#)

HB-T-SDI \$595

3G-SDI to HDBaseT Mini-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

HDBaseT | Mini-Converters



[View Online](#)

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



[View Online](#)

HB-R-SDI \$595

HDBaseT to 3G-SDI Mini-Converter

- HDBaseT HD/SD Signal Extender
- Converts HDBaseT to SDI
- Extend HD/SD-SDI signal up to 100m over Cat 5 (or better)
- IR IN and OUT
- RS-232 device control connection

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 LEGENDARY
YEAR
WARRANTY



Models:

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

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

OPTICAL FIBER | Mini-Converters

5 LEGENDARY
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 \$1325

1-Channel 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 \$1325

2-Channel 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 \$785

1-Channel 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
- Relocked loop through of SDI input



4K | HDR

[View Online](#)

FiDO-T-12G-ST \$895

1-Channel 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
- Relocked loop through of SDI input



4K | HDR

[View Online](#)

FiDO-2R-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/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 \$785

1-Channel 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



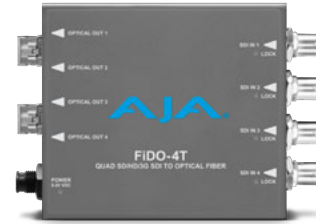
FiDO-R-12G-ST \$895

1-Channel 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 | HDR

[View Online](#)



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

4K

[View Online](#)



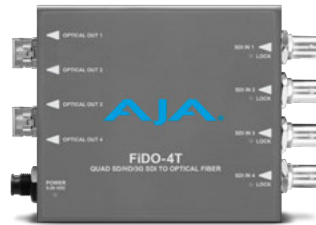
FiDO-4T-ST \$1495

4-Channel 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](#)



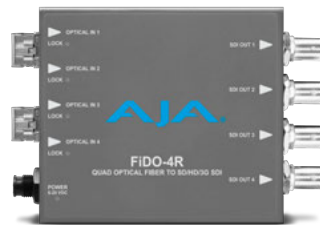
FiDO-4T-MM \$1985

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

4K

[View Online](#)



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

4K

[View Online](#)



FiDO-4R-ST \$1495

4-Channel 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

4K

[View Online](#)

OPTICAL FIBER | Mini-Converters

5 LEGENDARY
YEAR
WARRANTY



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

4K

[View Online](#)



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

[View Online](#)



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

[View Online](#)



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

[View Online](#)



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

[View Online](#)



FiDO-TR \$645

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

- 1-channel 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 LEGENDARY
YEAR
WARRANTY



FiDO-TR-MM \$890

1-Channel 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 \$445

1-Channel 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 \$445

1-Channel 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 \$445

1-Channel 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 \$690

1-Channel 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 \$445

1-Channel 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

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OPTICAL FIBER | Mini-Converters

5 LEGENDARY
YEAR
WARRANTY



FiDO-R-ST \$445

1-Channel 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 \$445

1-Channel 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 \$690

1-Channel 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 \$195

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

AJA SFP Configurator

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



Single Mode SC SFP Modules

Single Channel SC Fiber Transmitters and Receivers

Model	Price	Description
FIBERSC-1-TX	\$195	1-Channel 3G-SDI Single Mode SC Fiber Transmitter
FIBERSC-1-RX	\$195	1-Channel 3G-SDI Single Mode SC Fiber Receiver

Single Mode LC SFP Modules

Single and Dual Channel LC Fiber Transmitters and Receivers

Model	Price	Description
FIBERLC-2-TX	\$295	2-Channel 3G-SDI Single Mode LC Fiber Transmitter
FIBERLC-1-TX	\$195	1-Channel 3G-SDI Single Mode LC Fiber Transmitter
FIBERLC-2-RX	\$295	2-Channel 3G-SDI Single Mode LC Fiber Receiver
FIBERLC-1-RX	\$195	1-Channel 3G-SDI Single Mode LC Fiber Receiver

Multi-Mode LC SFP Modules

Single and Dual Channel LC Fiber Transmitters and Receivers

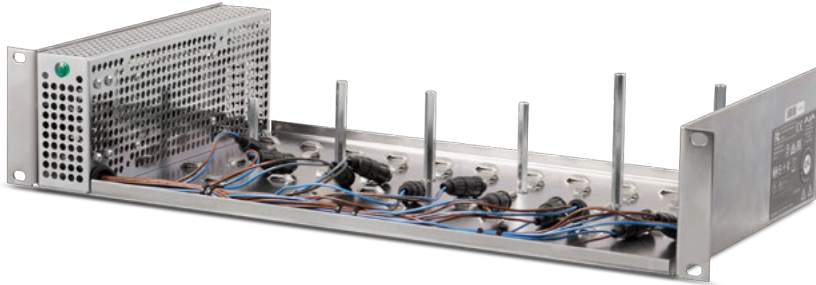
Model	Price	Description
FIBERLC-2TX-MM	\$345	2-Channel 3G-SDI Multi-Mode LC Fiber Transmitter
FIBERLC-1TX-MM	\$295	1-Channel 3G-SDI Multi-Mode LC Fiber Transmitter
FIBERLC-2RX-MM	\$345	2-Channel 3G-SDI Multi-Mode LC Fiber Receiver
FIBERLC-1RX-MM	\$295	1-Channel 3G-SDI Multi-Mode LC Fiber Receiver

Single Mode 12G SFP Modules

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

Model	Price	Description
FIBERLC-TR-12G	\$445	1-Channel 12G-SDI Single Mode LC Fiber Transceiver
FIBERLC-2TX-12G	\$445	2-Channel 12G-SDI Single Mode LC Fiber Transmitter
FIBERLC-1TX-12G	\$295	1-Channel 12G-SDI Single Mode LC Fiber Transmitter
FIBERST-1TX-12G	\$395	1-Channel 12G-SDI Single Mode ST Fiber Transmitter
FIBERLC-2RX-12G	\$445	2-Channel 12G-SDI Single Mode LC Fiber Receiver
FIBERLC-1RX-12G	\$295	1-Channel 12G-SDI Single Mode LC Fiber Receiver
FIBERST-1RX-12G	\$395	1-Channel 12G-SDI Single Mode ST Fiber Receiver

Mini-Converter | Accessories



[View Online](#)

DRM \$590

Mini-Converter Rackmount Frame

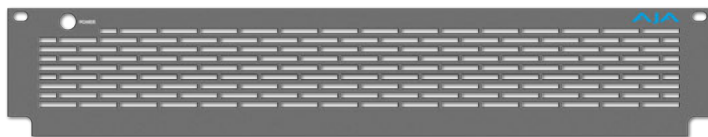
The DRM is a 2RU high frame that can accommodate up to 12 of the smaller AJA Mini-Converters (D4 – D5 series and others of the same size), up to six of the larger AJA Mini-Converters (D10 or HD10 series), or a mixture of both. The DRM has a built-in 110/220V power supply with 12 connectors to provide 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.

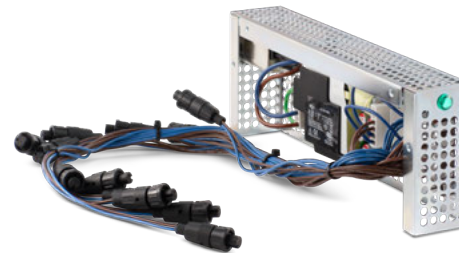


DRM FCP \$100

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 P/S \$250

Spare Power Supply for DRM Frame

A spare power assembly for the DRM frame. ROHS compliant.

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Mini-Converter | Accessories

5 LEGENDARY
YEAR
WARRANTY



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.

[View Online](#)



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.

[View Online](#)



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.

[View Online](#)



CMP \$99

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.

[View Online](#)

Mini-Converter | Accessories

5 LEGENDARY
YEAR
WARRANTY

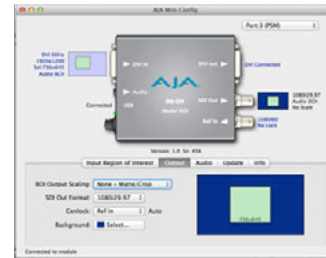


RMB \$7

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.

[View Online](#)



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](#)

Download on the
App Store



AJA Mini-Matrix **FREE**

Find the Right AJA Converter for Any Situation

Mini-Matrix offers information on the complete line of AJA Mini-Converters, Frame Syncs, KUMO Routers and openGear cards with a convenient search tool, available online and as an iOS app.

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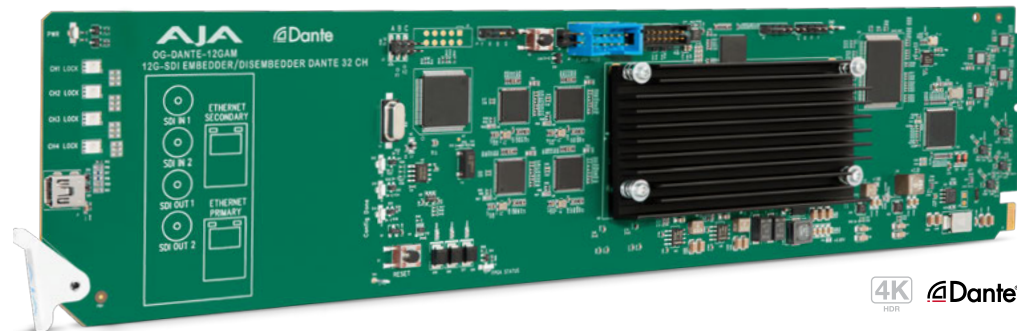
openGear Cards and Rackframe

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



OG-X-FR \$1449
openGear Compatible Rackframe

openGear | OG-DANTE-12GAM \$2495




INFRASTRUCTURE

OG-DANTE-12GAM

- Support for 12G/6G/3G SDI audio embedding to- and from- the Dante audio ecosystem
- Dual and independent 12G-SDI Input and Output ports, each supporting 16-audio channels, totaling 64-channels per card in a compact design
- 1x Primary and 1x Secondary 1Gb Ethernet ports
- 64-ch of simultaneous SDI/Dante audio bridging per card
- 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-swappable
- Compatible with OG-X-FR and OG-3-FR openGear frames

OPENGEAR | Cards and Rackframe

5 LEGENDARY
YEAR
WARRANTY

 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

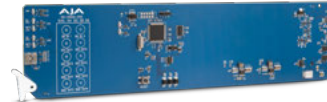


OG-FS-Mini \$695

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 OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

[View Online](#)



OG-12GDA-2x4 \$695

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, all ancillary data, including Closed Captioning and time code
- Input Present and Input SMPTE Lock LEDs
- 10x 12G-BNC rear connector module included
- Power: 4.5 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

4K | HDR

[View Online](#)

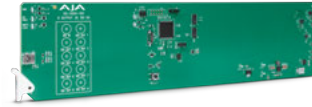


OG-3GDA-2x4 \$550

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 (2x4 mode)
- Outputs: 8x 3G-SDI BNC
 - 4x outputs noninverting (1x8 mode)
 - 2x outputs noninverting (2x4 mode)
- Monitor via openGear DashBoard
- Passes embedded audio, all ancillary data, including Closed Captioning 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 OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

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OG-3GDA-1x9 \$495

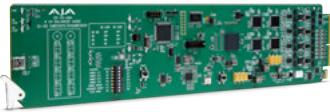
openGear 1x9 3G-SDI Reclocking DA

- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x 3G-SDI BNC
- Outputs: 9x 3G-SDI BNC
- Monitor via openGear DashBoard
- Passes embedded audio, all ancillary data, including Closed Captioning 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 OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

[View Online](#)

OPENGEAR | Cards and Rackframe

5 LEGENDARY
YEAR
WARRANTY



OG-3G-AMA \$795

openGear 3G-SDI Analog Audio Embedder/Disembedder

- 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 OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

[View Online](#)



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 OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

[View Online](#)



OG-Hi5-4K-Plus \$595

openGear 4K/UltraHD/2K/HD/SD 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 OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

4K | HDR

[View Online](#)



OG-HA5-4K \$595

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

- 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 Inframe analysis with AJA DashBoard
- Embedded audio support
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

4K | HDR

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OPENGEAR | Cards and Rackframe

5 LEGENDARY
YEAR
WARRANTY



OG-ROI-HDMI \$995

HDMI to 3G-SDI Scan Conversion

- Region of Interest scaling
- Aspect ratio conversion and image flip/rotation
- Frame Rate Conversion
- Conversion between Interlace and Progressive signals
- 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
- 2-channel embedding of balanced analog audio inputs or 2-channel or 8-channel HDMI audio (2x 3-Pin Terminal Block connectors included)
- Rear connector module included
- Controlled by DashBoard network control software
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

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OG-ROI-SDI \$995

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

- Region of Interest scaling
- Aspect ratio conversion
- Frame rate conversion
- 3G-SDI input with loop through
- 3G-SDI and HDMI 1.4 outputs
- Supports SD, HD, and 3G formats (see Tech Specs for complete list)
- Up, down, cross-conversion
- Image H/V flip and 90 degree rotation
- Supports 8-channels of embedded audio
- 2-channels analog audio output of disembedded audio (2x 3-Pin Terminal Block connectors included)
- Sync reference selection (External, openGear frame, or Free-run)
- Controlled by DashBoard network control software
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

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OG-ROI-DVI \$995

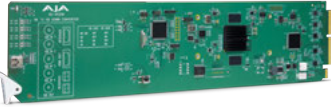
DVI to 3G-SDI Scan Conversion

- Region of Interest scaling
- Aspect ratio conversion and image flip/rotation
- Frame Rate Conversion
- Conversion between Interlace and Progressive signals
- 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
- 2-channel embedding of balanced analog audio inputs or 2-channel or 8-channel of HDMI audio, when using a HDMI to DVI adaptor (2x 3-Pin Terminal Block connectors included)
- Controlled by DashBoard network control software
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

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OPENGEAR | Cards and Rackframe

5 LEGENDARY
YEAR
WARRANTY



OG-4K2HD \$795

openGear 4K/UltraHD to 3G-SDI and HDMI Down-Converter

- Supports up to 4K/UltraHD 50/60fps high-framerate input formats
- Down-conversion for supporting 4K on HD-SDI and HDMI devices
- Simultaneous HD-SDI and HDMI output
- Aspect ratio conversion from full 4K to HD
- Controlled by DashBoard network control software
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

4K

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OG-UDC \$695

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

- Converts between 3G, HD, and SD formats
- Supports 1080p 50/60
- 2x 3-Pin Terminal Block connectors (included)
- 16-channel embedded SDI audio input and output
- Reference Input
- Controlled by DashBoard network control software and external DIP switch
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

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openGear | Accessories



OG-X-PS \$679

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

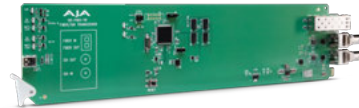
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OPENGEAR | Optical Fiber Cards

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
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames
- Five-year warranty

OPTICAL FIBER



OG-FiDO-TR \$645

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

OPTICAL FIBER



OG-FiDO-TR-MM \$890

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

OPTICAL FIBER



OG-FiDO-2T \$645

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

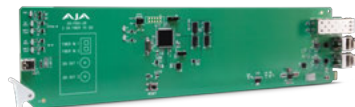
OPTICAL FIBER



OG-FiDO-2T-MM \$890

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

OPTICAL FIBER



OG-FiDO-2R \$645

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

OPTICAL FIBER



OG-FiDO-2R-MM \$890

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

OPTICAL FIBER



OG-FiDO-T \$445

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

OPTICAL FIBER



OG-FiDO-T-MM \$690

openGear 1-Channel 3G-SDI to Multi-Mode 3G-SDI Transmitter

OPTICAL FIBER



OG-FiDO-R \$445

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

OPTICAL FIBER



OG-FiDO-R-MM \$690

openGear 1-Channel 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.

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AJA Video Systems, Inc.

Grass Valley, California

www.aja.com • sales@aja.com • support@aja.com

