Converter Catalog

February 2026

AJA CONVERTER CATALOG CONTENTS

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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, UltraHD, 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

AJA Mini-Matrix
Searchable Catalog of AJA Converters

Information on the complete line of AJA Converters is available in Mini-Matrix. AJA products are extensive and this resource 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.

View Online
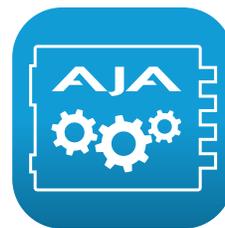
USB and Mini-Config
Visual Configuration and Control

AJA's free Mini-Config software can be used with most 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

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.

12GM $1,235

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

4K | HDR

View Online

FS-Mini $915

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 $455

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

View Online

5 YEAR WARRANTY

12G-AM $1,295

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
- Supports HDR pass-through
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without an 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 $1,835

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
- Supports HDR pass-through
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without an 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 $1,705

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
- Supports HDR pass-through
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without an 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 $1,835

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
- Supports HDR pass-through
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without an 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

5 YEAR WARRANTY

12G-AM-R $1,705
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
• Supports HDR pass-through
• 1.5G-SDI Internal Signal Generator allows the embedder
  path to function without an 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
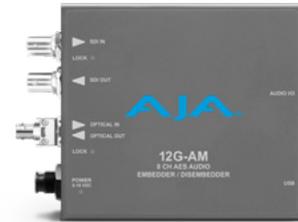
4K | HDR

View Online

12G-AM-R-ST $1,835
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
• Supports HDR pass-through
• 1.5G-SDI Internal Signal Generator allows the embedder
  path to function without an 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

3G-AM $1,035
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
• Supports HDR pass-through
• Configure via DIP switch or USB port and supplied
  Mini-Config software

4K | HDR

View Online

12G-AMA $1,295
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
• Supports HDR pass-through
• 1.5G-SDI Internal Signal Generator allows the embedder
  path to function without an 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

INFRASTRUCTURE | Mini-Converters

12G-AMA-TR $1,835

**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
- Supports HDR pass-through
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without an 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 $1,705

**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
- Supports HDR pass-through
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without an 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 $1,835

**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
- Supports HDR pass-through
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without an 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 $1,705

**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
- Supports HDR pass-through
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without an 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

5 YEAR WARRANTY

12G-AMA-R-ST $1,835

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
• Supports HDR pass-through
• 12G/6G/3G SDI input, autodetect
• 1.5G-SDI Internal Signal Generator allows the embedder path to function without an 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

3G-AMA $1,035

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
• Supports HDR pass-through

4K | HDR

View Online

12GDA $655

1 x6 12G-SDI Reclocking
Distribution Amplifier

• Compact 12G-SDI distribution
• Six separately reclocked outputs
• Supports pass-through of SDI metadata, including HDR
• 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

4K | HDR

View Online

3GDA $525

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
• Supports pass-through of SDI metadata, including HDR
• 3G/HD/SD-SDI input, auto sensing
• Passes all ancillary data

4K | HDR

View Online

5 YEAR WARRANTY

HD5DA $265

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 $605

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

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C10DA $235

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.

Hi5-12G $1,035

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 $1,555

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 $1,295

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 $1,435

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

4K | HDR

View Online

HDMI | Mini-Converters

Hi5-4K-Plus $865

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

4K | HDR

View Online

Hi5-Plus $525

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 $915

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

View Online

HDMI | Mini-Converters

HA5-12G $1,035
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 $1,295
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 $1,435
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

4K | HDR

View Online

HDMI | Mini-Converters

HA5-4K $865

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 Inoframe 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

4K | HDR

View Online

HA5-Plus $525

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 $915

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

View Online

SCAN │ Mini-Converters

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

ROI-HDMI $1,295
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 scalers
- 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 $1,295
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 scalers
- 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 $1,295
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 scalers
- 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 $1,295
DisplayPort 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 scalers
- 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

5 YEAR WARRANTY

NEW

UDC-4K 12G-SDI and HDMI Up, Down, Cross-Converter with Frame Sync

$1,595

The UDC-4K is a broadcast-quality up, down, cross Mini-Converter that can seamlessly convert between 4K/UHD and 2K/HD video formats. Not only does it perform raster and frame rate conversions, but it can also function as a frame synchronizer and as a 1x4 12G-SDI distribution amplifier, supporting video formats up to 4Kp60. The UDC-4K features 12G-SDI and HDMI 2.0 inputs, four 12G-SDI outputs, and one HDMI 2.0 output, which makes signal conversion simple and efficient.

Designed on AJA's industry-leading conversion technology, the UDC-4K offers the highest-quality conversions required in professional broadcasting, live events, and other critical AV environments. The UDC-4K is also "HDR-aware," supporting HDR workflows with proper SDI VPID and HDMI Infoframe metadata signaling management. The UDC-4K can be easily configured with its built-in button control panel and LCD display or via AJA's Mini-Config software. The UDC-4K should be included in every professional AV, film/TV production, live production, broadcast, and DIT tool kit!

UDC-4K Features

- Up, down, cross-conversion of 4K/UHD/2K/HD signals
- Frame sync, aligns output signals to a reference
- Converts 12G-SDI to from HDMI 2.0, up to 4Kp60
- Scaling technology utilizes AJA's high-quality multi-tap polyphase scaling algorithm
- Motion adaptive deinterlacer
- HDR signaling metadata pass-through and optional override
- EDID Emulation up to UHDp60
- HDMI embedded audio support, 8-channel 24-bit
- SDI embedded audio support, 16-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
- 4x 12G-SDI outputs can be used as a 1-to-4 distribution amplifier
- Genlock: External Reference Input, SDI Input, HDMI Input, or Free Run
- Five-year warranty and technical support

Size (W x D x H): 127 x 205.49 x 41.81 mm

4K Up, Down, Cross-Conversions

Built using advanced 12-bit conversion technology with a multi-tap polyphase scaling algorithm and a motion adaptive deinterlacer, the UDC-4K delivers unparalleled image quality for up, down, and cross-conversions. It seamlessly bridges the gap between 4K, UltraHD, 2K, and HD video resolutions across SDI and HDMI inputs and outputs.

Keeping it all in Sync

The UDC-4K is also a broadcast-quality frame synchronizer that supports frame synchronization of untimed 12G-SDI or HDMI video signals up to 4K resolution, allowing users to synchronize and convert a wide range of video formats to their house timing standard. It even offers utility frame rate conversion between 59.94 and 50 frame rates using a simple frame add/drop/repeat algorithm. Audio sample rate converters are provided for embedded HDMI and SDI audio.

SDI and HDMI Conversions

The UDC-4K converts 12G-SDI to HDMI 2.0, with exceptional image quality and supports up to 4Kp60, making it ideal for 4K/UHD workflows. Similarly, the UDC-4K converts HDMI 2.0 to 12G-SDI with HDMI Extended Display Identification Data (EDID) emulation, ensuring that the connected source continuously provides preferred video formats on its output.

Signal Distribution

Additionally, the UDC-4K is a 1x4 12G-SDI reclocking distribution amplifier that is ideal for any production requiring a robust and reliable DA in limited space. It can distribute a converted input to 4x SDI outputs and 1x HDMI output, or it can loop through the SDI input to 2x SDI outputs and send the processed signal to 2x SDI outputs and the HDMI output.

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.

UDC $915
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 $915
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

View Online

IP | Mini-Converters

5 YEAR WARRANTY

IP25-R High-Performance 4K SMPTE ST 2110 to SDI/HDMI Converter

$3,995

The AJA IP25-R is a next-generation IP Converter that seamlessly bridges SMPTE ST 2110 IP video networks with traditional SDI and HDMI infrastructures. Engineered for professional broadcast, production, and live event workflows, the IP25-R offers dual 10/25 GigE network ports, 4x 12G-SDI BNC outputs, and 2x HDMI 2.0 outputs, delivering pristine video up to 4K DCI (4096x2160p60) with ultra-low latency.

The IP25-R features dual SFP28 cages for ST 2022-7 redundancy, which makes the IP25-R an ideal choice for critical applications such as network operations centers (NOCs), OB trucks and remote production, live event monitoring, stadium and in-venue AV systems, and broadcast control rooms.

Whether you're upgrading broadcast infrastructure or deploying IP-based monitoring in the field, the IP25-R offers a reliable, compact, and standards-compliant solution for 2110 IP to baseband conversion. IP25-R is perfect for facilities moving to IP workflows while maintaining SDI/HDMI compatibility.

Size (W x D x H): 127 x 205.49 x 41.81 mm

IP25-R Features

- SMPTE ST 2110 (-10, -20, -21, -30, -40) standards compliant Video, Audio, ANC Receiver
- ST 2110-20 Video: Supports up to 4 RX with ST 2022-7 redundancy, bandwidth dependent
  - 10-bit 4:2:2 up to 4K DCI (4096x2160p60) resolution
- ST 2110-30 Audio: Supports up to 4 RX with ST 2022-7 redundancy
  - Up to 16 channels per stream
  - 1ms and 125us timing
- ST 2110-40 Ancillary data (ANC): Supports up to 4 RX with ST 2022-7 redundancy
- 4x 12G-SDI BNC outputs
- 2x HDMI 2.0 outputs
- 2x SFP28 cages supports 10 GigE and 25 GigE SFPs for ST 2022-7 redundancy
- NMOS (IS-04 and IS-05) compatible
- In-Band (via SFPs): PTPv2/ST 2059-2, control via NMOS (IS-04 and IS-05), AJA REST API, and Ember+
- Out-of-Band (via 1 GigE RJ-45): control via NMOS (IS-04 and IS-05), AJA REST API, and Ember+
- ST 2059-2 (IEEE 1588 Precision Time Protocol) (PTPv2) accessed via media net SFPs
- WebUI signal monitoring of selected output video channel
- WebUI for easy control and configuration
- Output standard test patterns
- HDR support, including HDR metadata override
- BT.709 and BT.2020 colorimetry support with override
- LLDP (Link Layer Discovery Protocol)
- DNS SD (DNS Service Discovery)
- Five-year warranty and technical support

Intuitive Web-Based Control

The IP25-R features a built-in web server that hosts a user-friendly, browser-based interface for easy configuration and control. Through the intuitive WebUI, users can quickly set up IP parameters, manage PTP synchronization, and configure external control options. The interface also allows for flexible signal routing, enabling you to assign any of the four ST 2110 RX inputs to specific SDI or HDMI outputs and monitor the video in the UI. Additionally, users can fine-tune HDR metadata and colorimetry settings and replicate output routing internally, making the IP25-R a powerful tool for IP-to-baseband monitoring and signal management.

Rugged, Rack-Ready Design with Flexible Configuration

The IP25-R is housed in a durable aluminum enclosure, ideal for both standalone "throw-down" use and high-density rackmount installations. Up to three units can be mounted side by side in a single 1RU shelf—perfect for space-constrained environments. For redundant power and rackmount convenience, the AJA DRM2-Plus rackmount frame supports up to six IP25-Rs in just 3RU.

IP | Mini-Converters

DANTE-12GAM Dante® AES67 and SMPTE ST 2110-30 SDI Audio Embedder/Disembedder

$2295 Single Channel, **$2995** Dual Channel   ÷ Dante | 4K | HDR

The DANTE-12GAM is a Dante audio embedder/disembedder equipped with 12G-SDI input and output and with dual etherCON GigE Ethernet ports, capable of simultaneously embedding and disembedding up to 16-channels* of audio in and out for a total of 32* audio channels in a compact device. A second video I/O is enabled on units equipped with fiber or BNC SFPs bringing up to 64-channels of audio, which can be ordered at time of sale or post-sale.

The DANTE-12GAM is your portal to a wide array of IP audio solutions. Dante networks support not only the Dante audio streams but also AES67 and SMPTE ST 2110-30 AoIP, providing massive flexibility for all your IP audio needs.

No matter the configuration you choose, you can rely on AJA's legendary build quality and support to give you peace of mind whether you're an individual creator or broadcasting the largest live events.

up to 64 channels of audio with the dual channel option/upgrade.

DANTE-12GAM Features

- Support for 12G/6G/3G/1.5G SDI audio embedding to and from the Dante audio ecosystem
- Single video channel with independent 12G-SDI Input and Output ports, each supporting 16 audio channels, totaling 32-channels of Dante audio in a compact, portable design
- PTPv2, SMPTE ST 2110-30, AES67 compatible
- 1x Primary and 1x Secondary etherCON GigE ports for Dante network redundancy
- Supports HDR pass-through
- PoE+ on Primary Ethernet simplifying wiring
- Internal SDI signal generator, which enables transmitting Dante audio channels over SDI without having an external SDI source signal
- AJA Web UI support for remote signal status and configuration
- USB-C port for initial Static IP configuration using free AJA eMini-Setup software
- Front panel LCD information and configuration screen
- 4x Physical control buttons (Back, Enter, Up, Down)
- Upgradable to a second video channel via additional SFP and license, expanding support to up to 64 channels
- 12V, 60W Power Supply Included
- Five year warranty

DANTE-12GAM-TR-LC

All of the DANTE-12GAM features with the addition of:
- Dual video channels with independent 12G-SDI Input and Output fiber connectors, each supporting 16 audio channels, totaling 64 Dante audio I/O channels in a compact design
- 1x Dual LC 12G Fiber Transceiver SFP (FiberLC-TR-12G SFP)
- 2x Internal Signal Generators which enable transmitting Dante audio channels over SDI without having an external SDI source signal

DANTE-12GAM-TR-BNC

All of the DANTE-12GAM features with the addition of:
- Dual video channels with independent 12G-SDI Input and Output ports, each supporting 16 audio channels, totaling 64 Dante audio I/O channels in a compact design
- 1x Dual BNC 12G-SDI Coax Transceiver SFP (BNC-TR-12G SFP) with Input and Output up to 4K/UltraHD
- 2x Internal Signal Generators which enable transmitting Dante audio channels over SDI without having an external SDI source signal

Size (W x D x H): 127 x 205.49 x 41.81 mm

IP | Mini-Converters

DANTE AV 4K-T and 4K-R Add Cinema Quality IP Video to your Dante Network

$1,815 each ⦂ Dante® | 4K | HDR

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

Dante AV 4K-T

- Dante AV Ultra Transmitter
- 4K/UltraHD/2K/HD/VESA
- HDR signaling metadata pass-through and optional override with compatible devices
- 12G-SDI and HDMI 2.0 In
- 1 GigE PoE+ IP
- Compatible with Audinate Dante Controller and Dante Domain Manager software for routing Video, Audio, KVM, VISCA, and IR

Dante AV 4K-R

- Dante AV Ultra Receiver
- 4K/UltraHD/HD/VESA
- HDR signaling metadata pass-through and optional override with compatible devices
- 12G-SDI and HDMI 2.0 Out
- 1 GigE PoE+ IP
- Reference Input for external Genlock support
- Compatible with Audinate Dante Controller and Dante Domain Manager software for routing Video, Audio, KVM, VISCA, and IR

Dante AV 4K-T

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

Dante AV 4K-R

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

Dante AV

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

AJA and Dante AV Ecosystem

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

Crop/Scale Function

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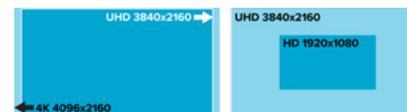
Rackmounting

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

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.

IPT-10G2-HDMI $1,675
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 $1,825
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 $1,675
SMPTE ST 2110 IP Video and Audio to HDMI Converter

- SMPTE ST 2110 audio, video receiver
- HDMI Output with full size HDMI 1.4b video port
- Supports up to UltraHD 50p/1080 60p, 4:2:2, 10-bit, YCbCr
- 2x 10 GigE SFP+ cages for media LAN (providing support for ST 2022-7 Hitless Switching) with status light
- 1x 1 GigE 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 $1,825
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

View Online

ANALOG | Mini-Converters

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.

V2Digital™ $455

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

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

View Online

V2Analog™ $455

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

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

View Online

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.

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

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.

FiDO-TR-12G $1,725

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

- Duplex connection (LC connector)
- 12G/6G/3G/HD/SD-SDI input and output
- Supports pass-through of SDI metadata, including HDR
- Bidirectional, independent dual channel fiber

4K | HDR

View Online

FiDO-2T-12G $1,725

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
- Supports pass-through of SDI metadata, including HDR
- Both SDI-to-Fiber paths are completely independent

4K | HDR

View Online

FiDO-T-12G $1,025

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
- Supports pass-through of SDI metadata, including HDR
- Reclocked loop through of SDI input

4K | HDR

View Online

FiDO-T-12G-ST $1,185

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
- Supports pass-through of SDI metadata, including HDR
- Reclocked loop through of SDI input

4K | HDR

View Online

FiDO-2R-12G $1,725

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
- Supports pass-through of SDI metadata, including HDR
- Both Fiber-to-SDI paths are completely independent

4K | HDR

View Online

FiDO-R-12G $1,025

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
- Supports pass-through of SDI metadata, including HDR
- Second SDI output (DA: same signal)
- Dual, matching SDI outputs

4K | HDR

View Online

5 YEAR WARRANTY

FiDO-R-12G-ST $1,185

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
- Supports pass-through of SDI metadata, including HDR
- Dual, matching SDI outputs

4K | HDR

View Online

FiDO-4T $1,945

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-4T-ST $1,945

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-4T-MM $2,585

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-4R $1,945

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-4R-ST $1,945

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

OPTICAL FIBER | Mini-Converters

FiDO-4R-MM $2,585

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-2T $845

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-2T-MM $1,155

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-2R $845

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-2R-MM $1,155

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-TR $845

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

OPTICAL FIBER | Mini-Converters

FiDO-TR-MM $1,153

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-T $585

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-T-ST $585

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-T-SC $585

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-T-MM $905

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-R $585

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

OPTICAL FIBER | Mini-Converters

5 YEAR WARRANTY

FiDO-R-ST $585

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-R-SC $585

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

FiDO-R-MM $905

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
- Supports pass-through of SDI metadata, including HDR

4K | HDR

View Online

SFP | Options

SFP Options Start at $265

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

Model	Price	Description
FIBERLC-2-TX	$395	2-Ch 3G-SDI Single Mode LC Fiber Transmitter
FIBERLC-1-TX	$265	1-Ch 3G-SDI Single Mode LC Fiber Transmitter
FIBERLC-2-RX	$395	2-Ch 3G-SDI Single Mode LC Fiber Receiver
FIBERLC-1-RX	$265	1-Ch 3G-SDI Single 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	$585	2-Ch 12G-SDI Single Mode LC Fiber Transceiver
FIBERLC-2TX-12G	$585	2-Ch 12G-SDI Single Mode LC Fiber Transmitter
FIBERLC-1TX-12G	$395	1-Ch 12G-SDI Single Mode LC Fiber Transmitter
FIBERST-1TX-12G	$525	1-Ch 12G-SDI Single Mode ST Fiber Transmitter
FIBERLC-2RX-12G	$585	2-Ch 12G-SDI Single Mode LC Fiber Receiver
FIBERLC-1RX-12G	$395	1-Ch 12G-SDI Single Mode LC Fiber Receiver
FIBERST-1RX-12G	$525	1-Ch 12G-SDI Single Mode ST Fiber Receiver
BNC-TR-12G	$585	2-Channel Dual BNC 12G Coax Transceiver SFP

Single Mode SC SFP Modules
Single Channel SC Fiber Transmitters and Receivers

Model	Price	Description
FIBERSC-1-TX	$265	1-Ch 3G-SDI Single Mode SC Fiber Transmitter
FIBERSC-1-RX	$265	1-Ch 3G-SDI Single Mode SC Fiber Receiver

Multi-Mode LC SFP Modules
Single and Dual Channel LC Fiber Transmitters and Receivers

Model	Price	Description
FIBERLC-2TX-MM	$455	2-Ch 3G-SDI Multi- Mode LC Fiber Transmitter
FIBERLC-1TX-MM	$395	1-Ch 3G-SDI Multi- Mode LC Fiber Transmitter
FIBERLC-2RX-MM	$455	2-Ch 3G-SDI Multi- Mode LC Fiber Receiver
FIBERLC-1RX-MM	$395	1-Ch 3G-SDI Multi- Mode LC Fiber Receiver

Mini-Converter | Accessories

DRM2-PLUS $1,395 base model

The AJA DRM2-Plus is a 3RU rackmount frame which streamlines broadcast, production, and pro AV workflows by enabling rackmounting and simplifying power management of multiple AJA Mini-Converters for signal conversion and distribution needs.

This rackmount frame can hold 12 standard size Mini-Converters, with an option to install up to 24 smaller form factor converters. The DRM2-Plus also supports up to 6 next-generation AJA Mini-Converters, such as the DANTE-12GAM, IP25-R, and UDC-4K.

The DRM2-Plus offers an optional redundant power supply, perfect for mission critical applications such as broadcasting and live events. The DRM2-Plus also has an optional active cooling faceplate for higher ambient temperature environments such as on-location or on-set.

The DRM2-Plus is available in four configurations:

- Passive Faceplate, Single Power Supply - $1395 DRM2-PLUS-P1
- Passive Faceplate, Redundant Power Supply - $1595 DRM2-PLUS-P2
- Active Faceplate, Single Power Supply - $1595 DRM2-PLUS-A1
- Active Faceplate, Redundant Power Supply - $1795 DRM2-PLUS-A2

The DRM2-Plus has a hinged front panel for easy access to the converters without the need to remove the DRM2-Plus from a rack. The DRM2-Plus is the best solution to house, power, and manage your AJA Mini-Converters.

View Online
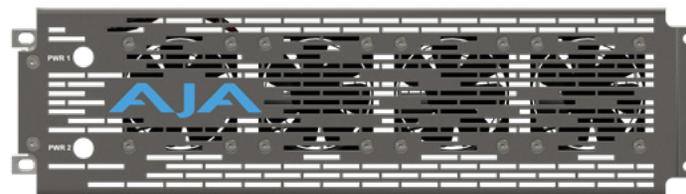
DRM2-PLUS-AF $200
DRM2-Plus Active Faceplate Option

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

View Online

DRM2-YC Y Cable $49

(1) Cable for powering 2x Small Converters per Carrier

DRM2-YC12 Y Cable $465

(12 Pack) Cables for powering 2x Small Converters per Carrier

View Online

Mini-Converter | Accessories

DRM2-PLUS-CB $75

Male-Mini-Con-X-to-Male Barrel Adapter Cable, 12"

For powering 12V 3rd Party USB Hubs

View Online

DRM2-PLUS-6X $300

Next Generation Converter Power Harness

Mini-XLR Harness for Next-Gen Converters includes:
(6) Female-Mini-XLR Connections,
(1) Female Mini-Con-X Connectors.

View Online

DRM2-PLUS-XC $75

Next Generation Converter Power Adapter Cable

Male-Mini-XLR-to-Female-Mini-Con-X adapter cable, 12" for use with DRM2-PLUS 6X when needing to power standard Mini-Converters

View Online

DRM2-PLUS-CX $75

Next Generation Power Adapter Cable

Male-Mini-Con-X-to-Female-Mini-XLR adapter cable, 12" for use with DRM2-PLUS

View Online

DRM2-PLUS-CH

Carrier and Mounting Hardware (1) $25

DRM2-PLUS-CM

Carrier and Mounting Hardware (12 Pack) $250

View Online

Mini-Converter │ Accessories

DRM $775
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 redudant power supply is required, explore the openGear versions of many of our mini-converters at: https://www.aja.com/family/opengear*

[View Online]

DRM FCP $155
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 $495
Spare Power Supply for DRM Frame

[View Online]

Mini-Converter | Accessories

DWP-Plus $79

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 $105

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 $85

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 $135

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

12G-AM XLR Cable $95

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.*

View Online

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

12G-AM BNC Cable $95

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 $19

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 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.

openGear | ColorBox $2,075

[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

OPENGEAR | Infrastructure

5 YEAR WARRANTY

OG-C10DA $465

openGear Analog Video 1x9
Distribution Amplifier

4K | HDR

View Online

- 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
- Supports pass-through of SDI metadata, including HDR
- 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

OG-DANTE-12GAM $3,085

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

Dante

4K | HDR

View Online

- Support for 12G/6G/3G SDI audio embedding to / from the Dante audio ecosystem, plus AES67, SMPTE ST 2110-30 and RAVENNA
- 2x 12G-SDI input and 2x 12G-SDI output ports, each supporting 16 audio channels, totaling 64-channels per openGear card
- 1x Primary and 1x Secondary 1GigE network ports
- 64-channels of simultaneous SDI/Dante audio bridging per card
- Supports HDR pass-through
- 2x Internal Signal Generator which enables transmitting Dante audio channels over SDI without having an external SDI video source signal
- Ross DashBoard software support for remote signal status and configuration
- Compatible with a range of Dante software from Audinate
- High density and small form factor, enabling 10 cards to be utilized in a single openGear frame for up to 640-channels of SDI/Dante audio bridging
- Hot swap capable
- Compatible with OG-X-FR and OG-3-FR openGear frames

OG-12GM $1,235

openGear 12G-SDI to from
SDI Muxer/Demuxer

4K | HDR

View Online

- 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

OG-FS-Mini $915

openGear 3G-SDI Frame Synchronizer

View Online

- 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

5 YEAR WARRANTY
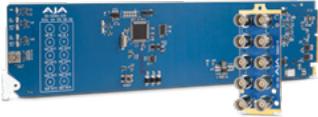
OG-12GDA-2x4 $905

openGear Dual 1x4 12G-SDI
Distribution Amplifier

4K | HDR

[View Online]

- 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
- Supports pass-through of SDI metadata, including HDR
- 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
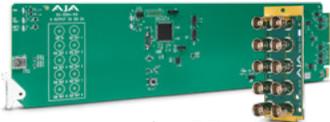- Power: 4.5 watts
- Hot-swappable

OG-3GDA-2x4 $725

openGear 2x4 3G-SDI Reclocking DA

4K | HDR

[View Online]

- 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
- Supports pass-through of SDI metadata, including HDR
- 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

OG-3GDA-1x9 $655

openGear 1x9 3G-SDI Reclocking DA

4K | HDR

[View Online]

- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x 3G-SDI BNC
- Outputs: 9x 3G-SDI BNC
- Monitor via openGear DashBoard
- Supports pass-through of SDI metadata, including HDR
- 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

OG-12G-AM $1,295

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

4K | HDR

[View Online]

- 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
- Supports HDR pass-through
- Configure via Ross DashBoard software
- Power: 6 watts max

OPENGEAR │ Infrastructure

OG-12G-AMA $1,295

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

4K │ HDR

View Online

- 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
- Supports HDR pass-through
- 1.5G-SDI Internal Signal Generator allows the embedder path to function without SDI input
- Configure via Ross DashBoard software
- Power: 8 watts max

OG-3G-AMA $1,035

openGear 3G-SDI Analog Audio Embedder/Disembedder

4K │ HDR

View Online

- 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
- Supports HDR pass-through

OG-3G-AMD $1,035

openGear 3G-SDI 8-Ch 24-bit AES Embedder/Disembedder

4K │ HDR

View Online

- 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)
- Supports HDR pass-through
- Local and Remote modes
- Incoming embedded audio passed, removed, or overridden
- Configure via openGear DashBoard or DIP switch
- Hot-swappable
- Power: 5.0 watts

5 YEAR WARRANTY

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

HDMI

OG-Hi5-12G $1,035
openGear 12G-SDI to HDMI 2.0 Conversion

HDMI

OG-Hi5-12G-TR $1,555
openGear 12G-SDI to HDMI 2.0 Conversion LC Fiber Transceiver

HDMI

OG-Hi5-12G-R $1,295
openGear 12G-SDI to HDMI 2.0 Conversion LC Fiber Receiver

HDMI

OG-Hi5-12G-R-ST $1,435
openGear 12G-SDI to HDMI 2.0 Conversion ST Fiber Receiver

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

HDMI

OG-HA5-12G $1,035
openGear HDMI 2.0 to 12G-SDI Conversion

HDMI

OG-HA5-12G-T $1,295
openGear HDMI 2.0 to 12G-SDI Conversion an LC Fiber Transmitter

HDMI

OG-HA5-12G-T-ST $1,435
openGear HDMI 2.0 to 12G-SDI Conversion and ST Fiber Transmitter

OG-Hi5-4K-Plus $865

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

4K | HDR

View Online

- 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

OG-HA5-4K $865

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

4K | HDR

View Online

- 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
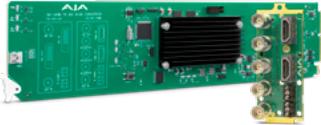
OG-ROI-HDMI $1,295

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 scalers
- 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 $1,295

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 scalers
- 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 $1,295

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 scalers
- 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

View Online

OPENGEAR | Scaling

OG-UDC $915
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 $2,035
2RU openGear Compatible Rackframe

View Online

OG-X-PS $925
Optional Redundant Power Supply for the OG-X-FR and OG-3-FR

View Online

OPENGEAR | 12G Optical Fiber Cards

5 YEAR WARRANTY

OG-FiDO 12G Features

- Video Formats: 270 Mbps - 12 Gbps, format agnostic
- Supports pass-through of SDI metadata, including HDR
- 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 $1,725

4K HDR

OPTICAL FIBER

OG-FiDO-2T-12G $1,725

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

4K HDR

OPTICAL FIBER

OG-FiDO-2R-12G $1,725

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

4K HDR

OPTICAL FIBER

OG-FiDO-T-12G-ST $1,185

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

4K HDR

OPTICAL FIBER

OG-FiDO-R-12G-ST $1,185

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

4K HDR

OPENGEAR | 3G 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 reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.967 Gbps, 2.970 Gbps - Auto Select, all other rates are passed through, and not reclocked
- Supports pass-through of SDI metadata, including HDR
- 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 $845
openGear 1-Ch 3G-SDI/LC Single Mode LC Fiber Transceiver*

OPTICAL FIBER

OG-FiDO-TR-MM $1,155
openGear 1-Ch 3G-SDI/LC Multi-Mode LC Fiber Transceiver

OPTICAL FIBER

OG-FiDO-2T $845
openGear 2-Ch 3G-SDI to Single Mode LC Fiber Transmitter

OPTICAL FIBER

OG-FiDO-2T-MM $1,155
openGear 2-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter

OPTICAL FIBER

OG-FiDO-2R $845
openGear 2-Ch Single Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER

OG-FiDO-2R-MM $1,155
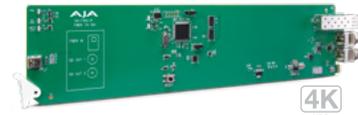openGear 2-Ch Multi-Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER

OG-FiDO-T $585
openGear 1-Ch 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out
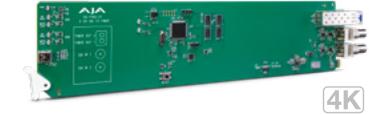
OPTICAL FIBER

OG-FiDO-T-MM $905
openGear 1-Ch 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER

OG-FiDO-R $585
openGear 1-Ch Single Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER

OG-FiDO-R-MM $905
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**.

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