

# Converter Catalog

May 2022



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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, 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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# INFRASTRUCTURE | Mini-Converters

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



4K | HDR

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**12GM \$1,079**

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

- SDI Transport Converter for 12G, 6G, 3G, and 1.5G-SDI
- Single, dual or quad link SDI on inputs and outputs
- 12G-SDI to/from quad link 3G-SDI or dual link 6G-SDI
- 6G-SDI to/from quad link 1.5G-SDI or dual link 3G-SDI
- 3G-SDI to/from dual link 1.5G-SDI
- Two Sample Interleave (2SI) to from Square Division (Quadrant) mapping
- 3G-SDI Level A to/from 3G-SDI Level B-DL
- 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 relocking
- Configure via USB port and supplied Mini-Config software for Mac/PC

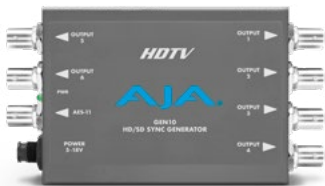


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**FS-Mini \$799**

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 on Mac/PC



4K

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**GEN10 \$399**

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

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YEAR  
WARRANTY



4K | HDR

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## 12G-AM \$1,129

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

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## 12G-AM-TR \$1,599

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

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## 12G-AM-T \$1,489

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 \$1,599

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

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## 12G-AM-R \$1,489

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 \$1,599

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 \$909

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 \$1,129

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

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## 12G-AMA-TR \$1,599

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 \$1,489

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 \$1,599

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 \$1,489

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

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4K | HDR

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## 12G-AMA-R-ST \$1,599

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 \$909

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 \$569

1x6 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 \$459

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 \$229

### 1x4 HD/SD-SDI Distribution Amplifier

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

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## ADA4 \$529

### 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

[View Online](#)



## C10DA \$209

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



4K | HDR

[View Online](#)

## Hi5-12G \$909

### 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
- Provides a monitoring connection from professional 4K devices using 12G-SDI over coaxial output to displays with HDMI 2.0 inputs, for cost effective monitoring
- 12G-SDI single link input with a reclocked SDI loop out for simpler SDI confidence monitoring or pass on for SDI pipelines
- 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)
- Configure via USB port and supplied Mini-Config software



4K | HDR

[View Online](#)

## Hi5-12G-TR \$1,359

### 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 reclocked 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 \$1,129

### 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 reclocked 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 \$1,249

### 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 reclocked 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 \$759

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 Two Sample Interleave (2SI) and Square Division (Quadrant) input pixel mapping
- 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)
- Configure via USB port and supplied Mini-Config software



[View Online](#)

## Hi5-Plus \$459

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 (VPIID HDR/BT.2020)
- Pass-through of Compressed Audio
- 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-Fiber \$799

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

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



[View Online](#)

## Hi5 \$399

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

# HDMI | Mini-Converters



4K | HDR

[View Online](#)

## HA5-12G \$909

### 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
- EDID Emulation
- Real time HDMI HDR Infoframe data reporting
- HDR signaling metadata pass-through and optional override
- Simple Frame Rate Conversion (FRC)
- 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
- The LOCK LED indicates by color whether the HDMI input circuit is locked
- Configure via USB port and supplied Mini-Config software for Mac/PC



4K | HDR

[View Online](#)

## HA5-12G-T \$1,129

### 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 up to 60p input at 4:4:4/4:2:2/4:2:0
- EDID Emulation
- Simple Frame Rate Conversion (FRC) 60 fps to 59.94 fps, and 59.94 fps to 60 fps
- 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
- The LOCK LED indicates by color whether the HDMI input circuit is locked
- Configure via USB port and supplied Mini-Config software on Mac/PC



4K | HDR

[View Online](#)

## HA5-12G-T-ST \$1,249

### 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)
- Support for up to 60p input at 4:4:4/4:2:2/4:2:0
- EDID Emulation
- Simple Frame Rate Conversion (FRC) 60 fps to 59.94 fps, and 59.94 fps to 60 fps
- 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
- The LOCK LED indicates by color whether the HDMI input circuit is locked
- Configure via USB port and supplied Mini-Config software on Mac/PC

# HDMI | Mini-Converters



4K | HDR

[View Online](#)

## HA5-4K \$759

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

- Convert HDMI 2.0b up to 4K/UltraHD 60p to quad or dual 1.5G/3G SDI out
- 2K/HD conversion to single 1.5G/3G SDI out
- Supports Two Sample Interleave (2SI) or Square Division (Quadrant) output pixel mapping
- EDID Emulation
- Real time HDMI HDR Infoframe data reporting
- HDR Metadata VPID pass-through and optional override
- Simple Frame Rate Conversion (FRC)
- 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)
- Configure via USB port and supplied Mini-Config software for Mac/PC



[View Online](#)

## HA5-Plus \$459

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
- HDMI v1.2 standard
- 1m HDMI cable included
- Configure via USB port and supplied Mini-Config software



[View Online](#)

## HA5-Fiber \$799

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

# 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.

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



## ROI-HDMI \$1,129

### 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, or Mute
- Genlock: Reference Input, or Free
- 3.5mm analog audio input embedded into SDI output
- Loop through HDMI connector
- Configure via USB port and supplied Mini-Config software on Mac/PC

[View Online](#)



## ROI-SDI \$1,129

### 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, or Mute
- Genlock: Reference Input, SDI Input, or Free Run
- 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 \$1,129

### 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, 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 on Mac/PC

[View Online](#)



## ROI-DP \$1,129

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

- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent 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, or Mute
- Genlock: Reference Input, or Free
- 3.5mm analog audio input embedded into SDI output
- Loop through DisplayPort connector
- Configure via USB port and supplied Mini-Config software on Mac/PC

[View Online](#)

# SCALING | Mini-Converters

5 LEGENDARY  
YEAR  
WARRANTY

AJA Scaling converters provide high quality conversion for an entire source image for a range of needs, whether from 4K to HD, up, down or cross-conversion between SD and HD formats or even HD to DVI conversion for driving DVI monitors from video sources.

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

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



[View Online](#)

## UDC \$799

### 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-channel embedded SDI audio
- HDMI output with 8-channel audio
- 2-channel RCA analog audio output
- Genlock: Reference Input, SDI Input, or Free Run
- Configure via DIP switch or USB port and supplied Mini-Config software on Mac/PC



[View Online](#)

## HDP3 \$799

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



[View Online](#)

## IPT-10G2-HDMI \$1,469

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 \$1,599

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

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



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## IPR-10G2-HDMI \$1,469

SMPTE ST 2110 IP Video and Audio to HDMI Converter

- SMPTE 2110 audio, video receiver
- HDMI Output with full size HDMI 1.4b video port
- Supports up to UltraHD 50p/1080 60p, 4:2:2, 10-bit, YCbCr
- 2x 10 GigE SFP+ cages for media LAN (providing support for ST 2022-7 Hitless Switching) with status light
- 1x 1 GigE RJ-45 socket for control LAN with status light
- NMOS and Ember+ support
- Embedded HDMI audio output (up to eight channels)
- 2x RCA analog audio output
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software
- Complete setup and control interface on any web browser from a built-in web server



[View Online](#)

## IPR-10G2-SDI \$1,599

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



## V2Digital \$399

### 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 \$399

### 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.*



## HD10CEA \$789

### 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

[View Online](#)

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



## LUT-box \$799

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



4K

[View Online](#)

## RovoRx-HDMI \$569

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 \$1,129

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

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



4K | HDR

[View Online](#)

## FiDO-TR-12G \$1,509

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 \$1,509

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 \$899

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
- Reclocked loop through of SDI input



4K | HDR

[View Online](#)

## FiDO-T-12G-ST \$1,029

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
- Reclocked loop through of SDI input



4K | HDR

[View Online](#)

## FiDO-2R-12G \$1,509

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 \$899

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 \$1,029

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 \$1,699

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 \$1,699

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 \$2,259

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 \$1,699

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 \$1,699

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

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# OPTICAL FIBER | Mini-Converters



## FiDO-4R-MM \$2,259

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-MM \$1,009

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-MM \$1,009

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-2T \$739

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-2R \$739

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-TR \$739

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



## FiDO-TR-MM \$1,009

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

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## FiDO-T \$509

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 \$509

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 \$509

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 \$789

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

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## FiDO-R \$509

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

[View Online](#)

# OPTICAL FIBER | Mini-Converters

5 LEGENDARY  
YEAR  
WARRANTY



## FiDO-R-ST \$509

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 \$509

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 \$789

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

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# SFP | Options

## SFP Options Start at \$205

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	\$229	1-Channel 3G-SDI Single Mode SC Fiber Transmitter
FIBERSC-1-RX	\$229	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	\$339	2-Channel 3G-SDI Single Mode LC Fiber Transmitter
FIBERLC-1-TX	\$229	1-Channel 3G-SDI Single Mode LC Fiber Transmitter
FIBERLC-2-RX	\$339	2-Channel 3G-SDI Single Mode LC Fiber Receiver
FIBERLC-1-RX	\$229	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	\$399	2-Channel 3G-SDI Multi-Mode LC Fiber Transmitter
FIBERLC-1TX-MM	\$339	1-Channel 3G-SDI Multi-Mode LC Fiber Transmitter
FIBERLC-2RX-MM	\$399	2-Channel 3G-SDI Multi-Mode LC Fiber Receiver
FIBERLC-1RX-MM	\$339	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	\$509	1-Channel 12G-SDI Single Mode LC Fiber Transceiver
FIBERLC-2TX-12G	\$509	2-Channel 12G-SDI Single Mode LC Fiber Transmitter
FIBERLC-1TX-12G	\$339	1-Channel 12G-SDI Single Mode LC Fiber Transmitter
FIBERST-1TX-12G	\$459	1-Channel 12G-SDI Single Mode ST Fiber Transmitter
FIBERLC-2RX-12G	\$509	2-Channel 12G-SDI Single Mode LC Fiber Receiver
FIBERLC-1RX-12G	\$339	1-Channel 12G-SDI Single Mode LC Fiber Receiver
FIBERST-1RX-12G	\$459	1-Channel 12G-SDI Single Mode ST Fiber Receiver

# Mini-Converter | Accessories



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## DRM \$679

### Mini-Converter Rackmount Frame

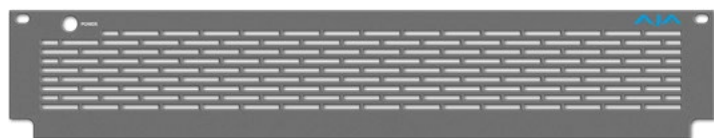
The DRM is a 2RU high frame that can accommodate up to 12 of the smaller AJA Mini-Converters (D4 – D5 series and others of the same size), up to six of the larger AJA Mini-Converters (D10 or HD10 series), or a mixture of both. The DRM has a built-in 110/220V power supply with 12 connectors to provide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

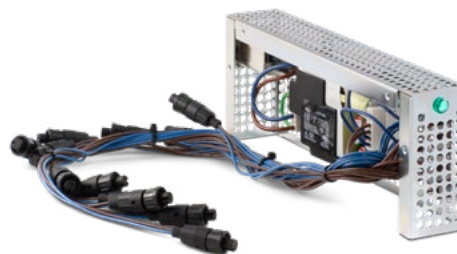


## DRM FCP \$129

### 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.

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## DRM P/S \$429

### 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 \$59

### 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.

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## PWR-CABLE \$89

### 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.

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## P-TAP-CBL \$69

### 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.

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## CMP \$119

### 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.

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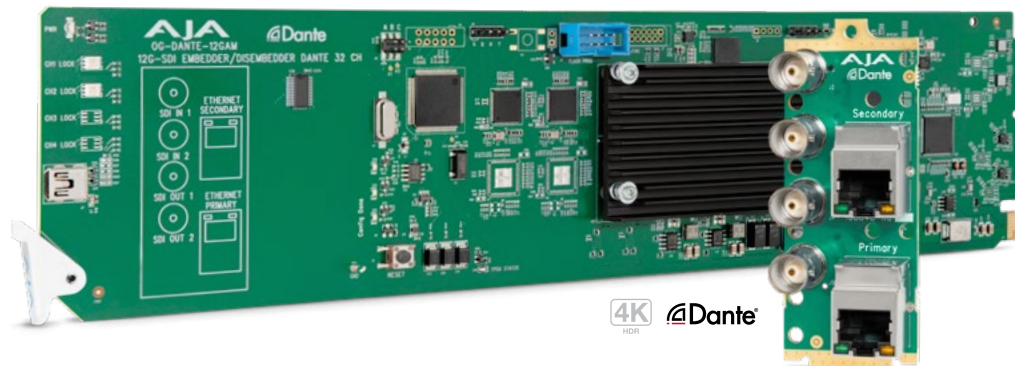
# openGear Cards and Rackframe

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 \$1,649  
openGear Compatible Rackframe

## openGear | OG-DANTE-12GAM \$2,699




### 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
- 2x Independent Internal SDI Generators for transmitting Dante audio channels over SDI without having an external SDI source signal
- DashBoard support for remote signal status and configuration
- Compatible with a range of Dante Software from Audinate
- High density and small form factor, enabling 10 cards to be utilized in a single openGear frame for up to 640 channels of SDI/Dante audio bridging
- Hot-swap capable
- Compatible with OG-X-FR and OG-3-FR openGear frames

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



4K | HDR

[View Online](#)

## OG-12GM \$1,079

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

- SDI Transport Converter for 12G, 6G, 3G and 1.5G-SDI
- Single, dual, or quad link SDI on inputs and outputs
- 12G-SDI to/from quad link 3G-SDI or dual link 6G-SDI
- 6G-SDI to/from quad link 1.5G-SDI or dual link 3G-SDI
- 3G-SDI to/from dual link 1.5G-SDI
- Two Sample Interleave to/from Square Division
- 3G-SDI Level A to/from Quad 3G-SDI Level B-DL
- 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
- Compatible with OG-X-FR and OG-3-FR openGear frames

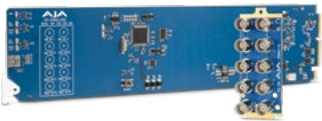


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## OG-FS-Mini \$799

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



4K | HDR

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## OG-12GDA-2x4 \$789

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



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## OG-3GDA-2x4 \$629

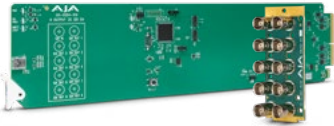
openGear 2x4 3G-SDI Reclocking DA

- 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



# OPENGEAR | Cards and Rackframe

5 LEGENDARY  
YEAR  
WARRANTY



## OG-3GDA-1x9 \$569

### 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

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## OG-3G-AMA \$909

### 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

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## OG-3G-AMD \$909

### 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

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# OPENGEAR | Cards and Rackframe

5 LEGENDARY  
YEAR  
WARRANTY



4K | HDR

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## OG-Hi5-4K-Plus \$759

openGear 4K/UltraHD/2K/HD/SD to Full HDMI 2.0 Converter

- Convert quad 3G-SDI to HDMI 2.0b 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 Two Sample Interleave (2SI) and Square Division (Quadrant) input pixel mapping
- 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)
- Remote Ethernet configuration through Ross Dashboard software
- Power: 12 watts
- Hot-swappable
- 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



4K | HDR

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## OG-HA5-4K \$759

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

- Convert HDMI 2.0b 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-channel 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
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames
- Five year warranty

# OPENGEAR | Cards and Rackframe

5 LEGENDARY  
YEAR  
WARRANTY



## OG-ROI-HDMI \$1,129

### 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, or Mute
- Audio input via 3-pin analog connectors or 8-channel HDMI embedded audio
- 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 \$1,129

### 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, or Mute
- Genlock: Reference Input, SDI Input, or Free Run
- 2-channels analog audio output of disembedded audio (2x 3-Pin Terminal Block connectors included)
- Remote Ethernet configuration through Ross DashBoard software
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

[View Online](#)



## OG-ROI-DVI \$1,129

### 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, or Mute
- 2-channels analog audio output of disembedded audio inputs or 2-channel or 8-channel DVI audio
- 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



4K | HDR

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## OG-4K2HD \$909

openGear 4K/UltraHD to HD-SDI Down-Converter

- Down-conversion to support 4K via HD-SDI and HDMI
- Supports HDMI v1.4 up to 1080p 59.94, 60
- 4K/UltraHD inputs using quad or dual 3G-SDI
- Supports 2SI and Square Division input
- Simultaneous SDI and HDMI outputs
- SDI and HDMI outputs support HDR
- HDR signaling metadata pass-through and optional override
- True 4K downscaled and cropped for HD output
- Center cut of 4K frame supported for focus checks
- Controlled by DashBoard network control software
- Rear I/O card included
- Power: 11 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames



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## OG-UDC \$799

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

## openGear | Accessories



[View Online](#)

## OG-X-PS \$749

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

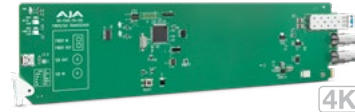
# OPENGEAR | 12G Optical Fiber Cards

5 LEGENDARY  
YEAR  
WARRANTY

## OG-FiDO 12G Features

- Video Formats: 270 Mbps - 12 Gbps, format agnostic
- Support for HDR – High Dynamic Range video
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.967 Gbps, 2.970 Gbps, 5.934 Gbps, 5.940 Gbps, 11.868 Gbps, 11.880 Gbps - Auto Select, all other rates are passed through and not reclocked
- Nominal Wavelength;
  - Single Mode Tx: 1310 nm, Rx: 1260-1620 nm
- Power: 3 watts (max)
- Hot-swappable
- Remote Ethernet Monitor through Ross DashBoard software
- Appropriate Fiber SFP included
- Rear I/O card included
- Two slots required for each card
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

OPTICAL FIBER



**OG-FiDO-TR-12G \$1,509**

openGear 1-Channel 12G-SDI to Single Mode LC Fiber Transceiver

OPTICAL FIBER



**OG-FiDO-T-12G-ST \$1,029**

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

OPTICAL FIBER



**OG-FiDO-2T-12G \$1,509**

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

OPTICAL FIBER



**OG-FiDO-R-12G-ST \$1,029**

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

OPTICAL FIBER



**OG-FiDO-2R-12G \$1,509**

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

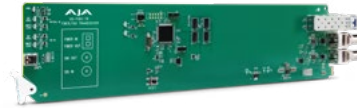
# OPENGEAR | 3G Optical Fiber Cards

5 LEGENDARY YEAR WARRANTY

## 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

OPTICAL FIBER



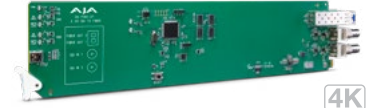
**OG-FiDO-TR \$739**  
openGear 1-Channel 3G-SDI/LC Single Mode LC Fiber Transceiver\*

OPTICAL FIBER



**OG-FiDO-TR-MM \$1,009**  
openGear 1-Channel 3G-SDI/LC Multi-Mode LC Fiber Transceiver

OPTICAL FIBER



**OG-FiDO-2T \$739**  
openGear 2-Channel 3G-SDI to Single Mode LC Fiber Transmitter

4K HDR

OPTICAL FIBER



**OG-FiDO-2T-MM \$1,009**  
openGear 2-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter

OPTICAL FIBER



**OG-FiDO-2R \$739**  
openGear 2-Channel Single Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



**OG-FiDO-2R-MM \$1,009**  
openGear 2-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



**OG-FiDO-T \$509**  
openGear 1-Channel 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER



**OG-FiDO-T-MM \$789**  
openGear 1-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out

OPTICAL FIBER



**OG-FiDO-R \$509**  
openGear 1-Channel Single Mode LC Fiber to 3G-SDI Receiver

OPTICAL FIBER



**OG-FiDO-R-MM \$789**  
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](http://www.aja.com).

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AJA Video Systems, Inc.

Grass Valley, California

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