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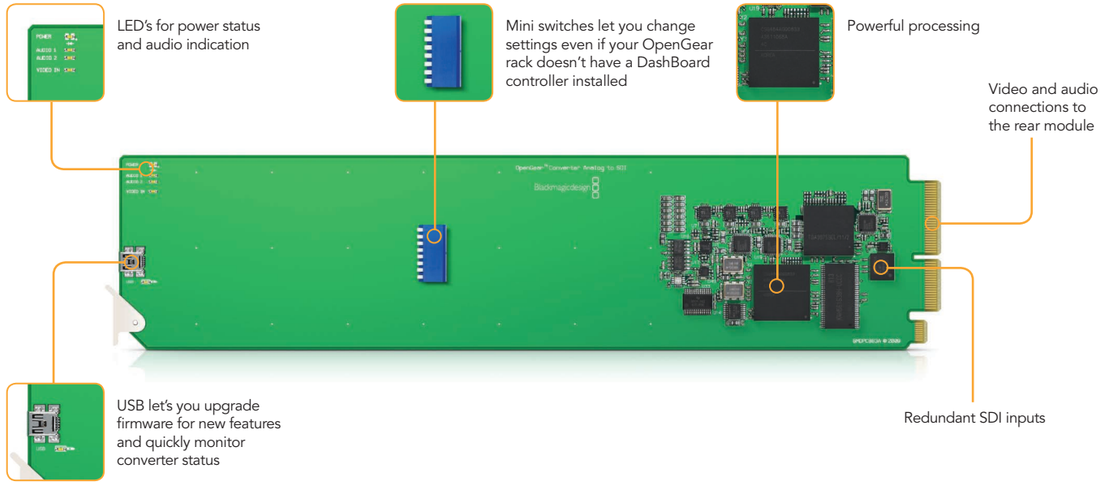
OpenGear Converters

OpenGear converters at a glance



Redundant SDI Input

Blackmagic OpenGear Converter models, SDI to Analog and SDI to Audio, feature a unique redundant SDI input for mission critical or live broadcast tasks. Simply connect a redundant cable to the second input, and if the main SDI input is lost, Blackmagic OpenGear Converters will automatically switch over in an instant. A loop-through SDI output is also provided for connecting to other devices. You can also loop to other Blackmagic OpenGear Converters when de-embedding more audio channels.

Includes AES/EBU and Analog Audio

Blackmagic OpenGear Converters feature 24 bit analog and 24 bit digital audio. You can select either analog or AES/EBU digital audio via mini switches, or remotely via the DashBoard network control software. Blackmagic OpenGear Converters will then switch to use either analog or AES/EBU digital audio. Blackmagic OpenGear Converters support the standard 2 ch and 4 ch audio rear modules, so they can be used with other brand OpenGear products.

High Quality

Blackmagic OpenGear Converters are built to the highest quality standards with low SDI jitter. You get the longest SDI cable lengths combined with ultra low noise analog video and audio for a true broadcast quality solution.

Hardware Down Converter

If you have older standard definition analog equipment in your facility then you'll know how hard it is when modern SDI equipment unexpectedly changes between SD and HD. Blackmagic OpenGear Converter SDI to Analog includes an incredible quality HD down converter that automatically adapts to the input video format and outputs standard definition video in letterbox, anamorphic 16:9 or center cut 4:3.

Easy to Use

Blackmagic OpenGear Converters are similar, so they're easy to understand. With advanced 3 Gb/s SDI technology, every card is fully compatible with all your SD and HD equipment, plus you can update new formats via USB. Blackmagic OpenGear Converters can be set up via mini switches, DashBoard, or via USB using Blackmagic Design's Converter Utility. That's three completely different ways to configure, so you're never stuck in a critical live situation.

New 3 Gb/s SDI Technology

With the latest 3 Gb/s SDI technology built into Blackmagic OpenGear Converters, you know you're getting the latest technology. New standards can be uploaded via the USB port. 3 Gb/s SDI is also fully compatible with all your SD and HD equipment.

The world's greatest converters now available in OpenGear rack mount cards!

The new Blackmagic OpenGear Converters give you a great range of conversion, all packed with the latest video technologies at an affordable price! OpenGear is the television industry's open standard for rack based conversion and processing. Get the freedom and cost savings of an open standard combined with centralized network control and monitoring using the OpenGear DashBoard software for Windows™, Mac OS X™ and Linux™!

Auto Switching SD and HD

Blackmagic OpenGear Converters instantly switch between all SD and HD video formats the instant the video input changes. A huge range of standards are supported including NTSC, PAL, 1080i/59.94, 1080i/50, 1080PsF/23.98, 1080PsF/24, 720p/59.94, 720p/50 and new formats can be added via USB.

8 Great Models

Choose from analog, HDMI, audio, optical fiber, and sync generator models! There's a single card model for each type of video conversion. All models have 3 Gb/s SDI technology that auto switches between SD, HD and 3 Gb/s HD-SDI formats. All AES/EBU audio inputs feature sample rate converters, and all audio connections can be switched between analog and AES/EBU audio!

OpenGear Converters

Learn more today at www.blackmagic-design.com

OpenGear™ Converters

IM156060

New 2009 RELEASE

SDI to Analog

Includes everything you need to convert from SDI to analog HD/SD component, NTSC and PAL video out, plus balanced AES/EBU and analog audio out. Easily connect to Betacam SP, VHS and analog video monitors. Features a built in hardware down converter to connect HD-SDI video to SD equipment!

New 2009 RELEASE

Analog to SDI

Perfect for converting from analog HD/SD component to SDI out with balanced AES/EBU and analog audio embedding. Now you can convert analog devices such as Betacam SP, VHS, set top boxes, gaming consoles and HDV cameras to incredible quality SD/HD-SDI video.

New 2009 RELEASE

SDI to Audio

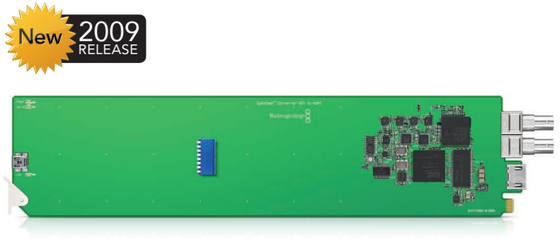
Includes everything you need to de-embed 4 channels of analog audio or 8 channels of AES/EBU digital audio from any SDI video connection. Now you can easily access the audio in any SDI video connection for output to audio equipment such as audio mixers, analog broadcast decks, audio monitors and more!

New 2009 RELEASE

Audio to SDI

Includes everything you need to embed 4 channels of analog audio or 8 channels of AES/EBU digital audio into any SDI video connection. Embed audio from audio mixers and analog decks into SDI video connections for use with SDI routers and decks, or to add extra audio channels to video converters!

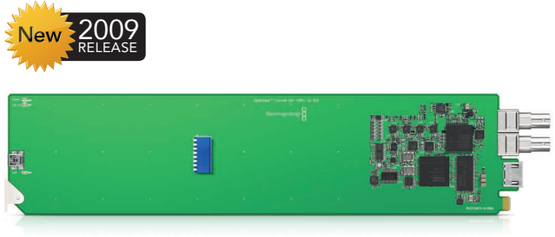
New 2009 RELEASE



SDI to HDMI

Converts from SDI to HDMI video out with embedded HDMI audio. Imagine using big screen televisions and video projectors as broadcast video monitors! Now it's incredibly easily connect a huge range of HDMI displays to SDI based equipment!

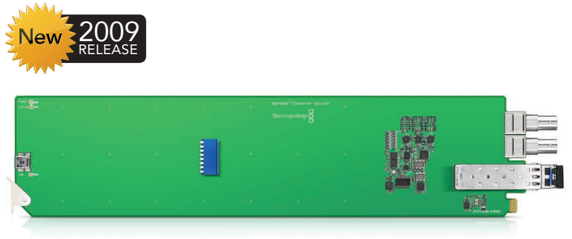
New 2009 RELEASE



HDMI to SDI

Ideal for converting from non copy protected HDMI devices to SDI out with embedded SDI audio from the HDMI input. Now you can convert HDMI video devices to SDI, or add SDI outputs to computers with HDMI compatibility.

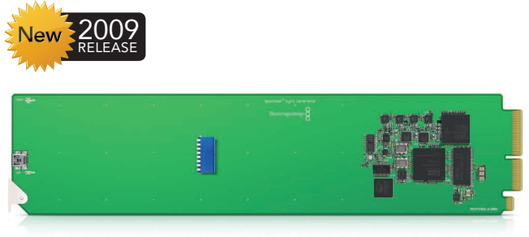
New 2009 RELEASE



Optical Fiber

Convert SDI to Optical Fiber, and Optical Fiber to SDI simultaneously. Blackmagic OpenGear Optical Fiber auto switches between any SD, HD, 3 Gb/s HD-SDI video standards and each direction is completely independent.

New 2009 RELEASE



Sync Generator

Includes 10 crystal stabilized video reference outputs for referencing all the video equipment in your studio with either high definition tri-sync or standard definition black burst. Perfect for small studios or outside broadcasts!

About OpenGear

OpenGear was invented by Ross Video as an open standard for rack mount converters and processing for television broadcasters. OpenGear uses a 2 rack unit rack frame that normally holds up to 10 plug in cards, or when using simpler cards, a double density frame can be used to hold up to 20 cards. Many manufacturers develop OpenGear cards and frames that can be mixed and matched. This gives you the freedom to build your facility without being locked into a proprietary rack standard.

Whatever unique or custom need you have, there will most likely be an OpenGear partner who makes it! OpenGear cards are hot swappable and can be controlled by the same java based DashBoard network control and monitoring software. DashBoard automatically checks the plugged in card's function without any complicated driver loading. Because DashBoard is TCP/IP network based, you can monitor from remote sites, or monitor centrally within massive installations consisting of hundreds of OpenGear cards and rack frames.