

DVDO

EDGE

Green



DVDO EDGE™ Green HD Video Processor/Switcher



Switching, Scaling, & Processing & Calibration for Perfect HD

The EDGE Green high-definition video processor and connection hub can be the heart of a new installation or a key upgrade to an existing system to make DTV connection and operation easier and better. One wire connects many different sources (cable/satellite, Blu-ray Disc™, Xbox, DVD, etc.) to your DTV — or wireless with optional accessory. Improve interlaced video, enjoy proper excellent scaling, fix lip-sync errors, calibrate display and more — all with a “green” low-power rating.

Nine Inputs, One Cable to the DTV (or Zero)

With five HDMI® inputs and four analog inputs, you have connections for all your HD digital and analog video devices, plus room to grow. Connecting your DTV is neat and elegant. A single HDMI cable carries video (including analog sources) and audio with perfect digital quality. For zero TV cables, DVDO Air™ can be added as an option.

Easy to Setup and Even Easier to Use!

After hooking everything up, EDGE Green's advanced setup wizards and auto-detection of connected devices makes installation quick and simple. With EDGE Green operating your system becomes easier too by automatically switching between sources when you power them on.

Superior Scaling for Stable, Artifact-Free Images from All Sources

Various sources with different resolutions drive your DTV, with a typical 1080p native resolution; (typically 1920 x 1080) is fed other resolutions from various sources. Conversion (scaling) is built into DTVs and AVRs (Audio Video Receivers), but run-of-the-mill scaling creates visual errors (artifacts) and jitter. Run-of-the-mill scaling sometimes found in projectors, DTVs and Audio Video Receivers (AVRs) can create visual artifacts (visual errors) and jitter such as ringing or loss of detail. EDGE Green

delivers professional reference-grade custom scaling delivers exceptional picture quality from any source and correctly positions the image on your DTV.

High-Performance HD Deinterlacing and Noise Reduction

EDGE Green's video processing removes mosquito noise and other annoying compression artifacts. Professional-quality de-interlacing and advanced cadence detection enables watching movies at their original frame rate, with interlace and pull down distortions removed.

EDGE Green delivers professional quality de-interlacing with advanced cadence detection for movie watching and edge adaptive processing for sports and live events. EDGE Green also removes mosquito noise and other annoying compression artifacts. You can get the most optimal image quality from analog sources too.

Full AVR Compatibility and Home Theater Audio Savings

EDGE Green connects easily to your AVR via HDMI, or connects to any stereo or surround system with optical digital audio. For new installations, you can save money by concentrating on the audio capabilities when choosing a receiver. EDGE Green also allows each input to be renamed onscreen to reflect the connected source onscreen — just like an AVR.

If The Swiss Army Issued A Video Device, It Would Be EDGE Green!

There are also built-in video test patterns to adjust your DTV for the best possible picture quality. Easy-to-follow Web videos explain how to do this, so you can save money by doing the calibration adjustments yourself versus having a technician do them.



Structured Cable Products
Quality Installations Deserve Quality Products

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EDGE Green HD Video Processor/Switcher



Rear Panel of the DVDO EDGE Green

KEY FEATURES

- Five HDMI Inputs + Four Analog Inputs with Onscreen Labels**
 Provides the connectivity today's advanced systems need, with room for expansion. Easily connect all your video components to your DTV, and give each source a name to appear briefly onscreen when selected. (NTSC/PAL/SECAM compatible)
- Automatic Switching to Source**
 EDGE Green can automatically detect whenever you turn on the Blu-ray player, Xbox, or any other video source, and switch to view it. With priority adjustment, this works even if cable/satellite box is on all the time.
- Automatic Setup and Detection**
 Automated Setup Wizards and automatic detection of connected equipment (including sources and display) makes installation a breeze.
- Independent Settings for Each Source**
 No more re-adjusting picture settings each time you switch between cable and DVD, for example. EDGE Green remembers your custom settings for each video source.
- Precision Deinterlacing of Standard Definition and High Definition Signals**
 Delivers the highest quality video from all interlaced sources including most cable, satellite and over-the-air broadcasts.
- Pair Any Audio Input With Any Video Input**
 Each video input can be independently paired with an analog or digital audio input for maximum flexibility and signal quality.
- Mosquito Noise Reduction**
 Reduces compression artifacts in digitally compressed signals, like cable, satellite and Internet-based video.
- Fine Detail and Edge Enhancement**
 Allows you to accurately adjust the sharpness of the picture to your liking.
- PReP™**
 DVDO's exclusive Progressive ReProcessing PRoP™ technology dramatically improves video quality of imperfectly processed sources such as a DVD player, Blu-ray, or cable/satellite box.
- Precision, Custom Video Scaling up to 1080p**
 Perfectly match source resolution to your DTV. Tired of those "black bars" on your DTV? Don't want an improperly stretched or squeezed picture? Set horizontal and vertical zoom controls for each source.
- Precision AV LipSync™**
 Eliminates audio-video sync problems. Automatically adds precise delay so audio and selected video are perfectly synchronized. User-set audio delay up to 200 milliseconds can fix sync errors with cable, satellite, etc.
- Game Play Mode**
 Small time delays from video processing can throw off video game play. Special near-zero-latency Game Mode enables connecting to EDGE Green without compromising playability.
- Calibration Test Patterns**
 Helps you set up your DTV or projector for optimal viewing.

- One Component/RGBHV (YPbPr/RGBS/RGBHV accepts 480i/p60, 576i/p-50, 720p-50/60, 1080i-50/60, 1080p-60, VGA/SVGA/XGA/SXGA@60Hz)

10 Audio Inputs:

- Five HDMI 1.3
- One Coaxial Digital (Assignable)
- Three Optical Digital (Assignable)
- One Analog Left/Right (Assignable)

Three Outputs:

- One HDMI 1.3 Audio/Video Output (For Display Connection)
- One HDMI 1.3 'Audio Only' output for receivers (AVRs) with HDMI
- One Optical Digital for receivers without HDMI

Output Video Formats:

- Auto-Detect Display Format
- 480p-60 (720x480@60Hz)
- 720p-60 (1280x720@60Hz)
- 1080i-60 (1920x1080@60Hz)
- 1080p-60 (1920x1080@60Hz)
- 1080p-24 (1920x1080@24Hz)
- 1080p-25 (1920x1080@25Hz)
- 576p-50 (720x576@50Hz)
- 720p-50 (1280x720@50Hz)
- 1080i-50 (1920x1080@50Hz)
- 1080p-50 (1920x1080@50Hz)
- VGA (640x480@60Hz)
- SVGA (800x600@60Hz)
- XGA (1024x768@60Hz)
- SXGA (1280x1024@60Hz)

Additional Features and Controls:

- IR Remote Control with direct access
- Rear panel IR connector (mini-jack) for placement inside cabinet or closet
- All functions accessible via On Screen Display (OSD)
- Fully programmable controls for each video input with
 - Automatic input source detection & input priority selection
 - Picture controls: Fine Detail, Edge Enhancement, Mosquito Noise Reduction, Brightness, Contrast, Saturation and Hue

Power:

- Internal universal power supply: 100 – 240 VAC @ 50-60 Hz
- Consumption <20w
- Standby Mode – automatic 30 second timeout indicated by power light color change

Physical Dimensions (Height x Width x Depth):

- 2.1" x 16.9" x 10.3" (26.3cm x 43.4cm x 5.5cm)
- Weight – Complete Package: 9.2 lbs.
- Unit Only: 6.2 lbs.

Note: For more info on DVDO's patented video processing technology, please visit www.dvdo.com/tech

TECHNICAL SPECIFICATIONS

Nine Video Inputs:

- Five HDMI 1.3 (accepts 480i/p-60, 576 i/p-50, 720p-50/60, 1080i-50/60, 1080p-24/50/60, VGA/SVGA/XGA/SXGA@60Hz)
- One Composite (NTSC/PAL/SECAM)
- One S-Video (NTSC/PAL/SECAM)
- One Component (YPbPr or RGB/S - accepts 480i/p-60, 576i/p-50, 720p-50/60, 1080i-50/60, 1080p-60)

EXCLUSIVE GLOBAL DISTRIBUTOR



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