

Gefen GEF-DVI-2-HDSIPRO GefenPRO DVI to HDSDI Pro Scaler

DVI Content Scaled to Broadcast-Quality HD-SDI

The GefenPRO DVI to HDSDI Pro Scaler places two DVI to HDSDI Scaler Plus units in one rack mount enclosure. This product provides two separate DVI inputs to be converted and scaled to single link or dual link HD-SDI. Resolutions up to 1080p and 2K with genlock are supported on the HD-SDI output. This product uses VXP scaler technology which provides high-performance scaling plus additional features: Adaptive video interlacing with edge interpolation, noise reduction, alpha blending, and image enhancement. Two separate BNC connectors offer external genlock capabilities. The GefenPRO DVI to HDSDI Pro Scaler provides superior HD-SDI scaling quality in one rack mount space.

How It Works

Connect two (2) DVI sources to the GefenPRO DVI to HDSDI Pro Scaler using the supplied DVI cables. Connect up to two (2) HD-SDI devices to the outputs. Apply power to the source and HD-SDI output devices first then apply power to the product. The DVI source will be converted to HD-SDI and then scaled on the output. Use the IR remote control unit to navigate the built-in menu system to control the scaling features on the HD-SDI output.

Features:

- Input and Output Resolutions up to 2048x1080
- 10-bit resolution for greater precision and dynamic range
- Proprietary 10-bit motion adaptive video de-interlacing with edge interpolation for HD / SD formats
- Frame rate conversion to / from any refresh rate
- Maximum active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller
- Advanced noise reduction and detail enhancement
- Test Pattern mode with color bars and cross hatch patterns
- Color correction
- Noise Reduction
- Detail Enhancement
- Brightness Adjustment
- Gamma Selection
- Aspect Ratio Selection
- Custom Timing output mode
- RS-232 Control
- IR Control
- French / English Menu Set
- Field-upgradeable firmware
- Genlock capable

Specifications:

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 2 x 1.485 Gbps
- Maximum Output Resolution: 2048x1080 with Dual Link HD-SDI
- Maximum Input Resolution: 2048x1080
- DVI Input Connector: (2) DVI-I 29-pin Female
- SDI / HD-SDI Output Connector: (4) BNC Male
- RS-232 Connector: DB9 Female
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 17.25" W x 6.7"D x 1.75"H
- Shipping Weight: 7 lbs

Package Includes:

- (1) GefenPRO DVI to HDSDI Pro Scaler
- (2) 6 foot dual-link DVI Cables (M-M)
- (1) 6 foot serial DB9 cable (M-F)
- (1) IR Remote Control Unit
- (1) 5V DC Locking Power Supply
- (1) Set of Rack Ears
- (1) User Manual