

# Gefen EXT-DVI-2-HSDIPRO DVI to HSDI Pro

## DVI to HD-SDI Pro Scaler

### Combines SDI and DVI Equipment for Maximum Interoperability

The Gefen DVI to HSDI Pro Scaler combines two of our DVI to HSDI Scaler Plus units into one rack-mountable unit. It still incorporates full single-link DVI-D conversion scaled to your choice of SD/HSDI Single- or Dual-link modes, but now simplifies your rack. Resolutions of up to 1080p are supported over the HSDI link for those that want true "High Definition." Performance has been greatly enhanced due to Gennum's VXP Scaler circuitry onboard, allowing for new features such as Genlock, Color & Gamma Correction, Noise Reduction, Detail Enhancement, Aspect Ratio Selection, Pattern Generator Mode, and Multiple Language Menu Support. Bottom Line? More performance, less cost.

### How It Works

DVI source devices are connected to the DVI inputs and SDI display devices are connected to the SDI outputs. When the sources, displays and the Scaler are powered and connected, video signals are converted to the proper format.

### Features:

- 10-bit resolution for greater precision and dynamic range
- Proprietary 10-bit motion adaptive video de-interlacing with edge interpolation for HD / SD formats
- Advanced noise reduction and detail enhancement
- Max. 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.
- Frame rate conversion to / from any refresh rate
- Pattern mode w/ color bars & cross hatch patterns
- Color correction
- Noise Reduction
- Detail Enhancement
- Brightness Adjustment
- Gamma Selection
- Aspect Ratio Select
- Custom Timing output mode
- French/English Menu Set
- RS-232 upgradeable firmware
- RS-232 and/or IR Control
- Genlock

### Specifications:

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 2 x 1.485 GBps
- Maximum Input Resolution: 2048 x 1080
- Maximum Output Resolution: 2048x1080 with Dual-Link HD-SDI
- DVI Connector: DVI-I 29 pin female (digital only)
- SDI/HSDI Connector: BNC female
- Data Port: Serial RS-232
- Power Supply: 5V DC
- Power Consumption: 20 watts (Max.)
- Dimensions: 15"W x 1.75"H x 6.75"D
- Shipping Weight: 8 lbs.

### Package Includes:

- DVI to HSDI Scaler
- 5v Power Supply
- 2 x 6-foot DVI Cables
- RMT-8HDS-IR Remote Control
- Users Manual