

# DVI To HD-SDI / SDI VIDEO CONVERTER



## DSDI-20

The DSDI-20 is a high quality compact video converter that converts DVI to high definition or standard definition SDI video.

A popular application for the DSDI-20 is to convert a computer's video output to the SDI digital video format so that it can be recorded for later viewing. The DSDI-20's high resolution HD-SDI output helps to preserve details such as small fonts typical of a computer display.

### **Advanced Image Processing**

#### **Spatial Interpolation**

Up and down conversion  
Clear and sharp rendition of static images  
Advanced scaling settings

#### **Temporal Processing**

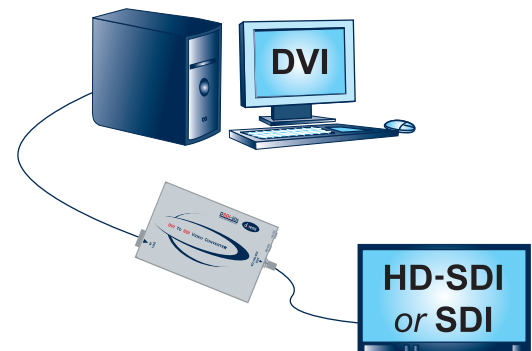
Smoother frame rate conversion  
Advanced 'Interlace to Progressive' and  
'Progressive to Interlaced' conversions

#### **HD-SDI and SD-SDI output**

NTSC, PAL, 720p, 1080i and 1080p at all frame rates

#### **Color Processing**

RGB to BT601/BT709 conversion  
Advanced color settings  
3x Component LUT for custom color adjustments



Display or Record your Computer's DVI  
output with Doremi's DSDI-20



## SPECIFICATIONS

### INPUT

DVI-D

DVI requirements:

Interlaced and Progressive Sources up to 1920x1200  
Pixel clock must not exceed 165 MHz

### OUTPUT

SDI - SMPTE 259M-C (270Mb/s)

HD-SDI - SMPTE 292M (1.485, 1.485/1.001 Gb/s)

### SUPPORTED SDI OUTPUT RESOLUTIONS

NTSC, PAL

720p 60, 59.94, & 50Hz

1080i / 1080p 30, 29.97, 25, 24 & 23.98Hz

### INTERFACE

On-Screen Display (OSD) with infrared remote control

### OTHER

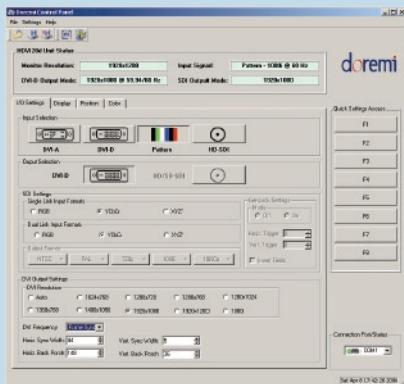
RS-422 for remote control and firmware upgrades

### GENERAL

5 volts (screw-on connector)

External Adapter: 100-240VAC 50-60Hz

5.4" x 3.7" x 1" (138mm x 93mm x 24mm)



IR Remote

### Infrared Remote

Full function infrared remote controls the DSDI's on-screen display (OSD).

### Control Software

The control software for the DSDI converter provides all the functions accessible via the IR remote. The software also features a downloadable look up table (LUT).

### Downloadable Look Up Table (LUT)

Available from the DSDI control software. Preset LUT are also included such as a reverse LUT for the Viper Filmstream™ camera.

**doremi**

Doremi Labs, Inc. Headquarters Burbank, California USA - tel 1 (818) 562 1101 - [www.doremilabs.com](http://www.doremilabs.com)

Doremi Labs, Europe Sophia Antipolis, France - tel +33 (0)492 95 2830 - [www.doremilabs.fr](http://www.doremilabs.fr)

Doremi Labs, Japan Tokyo, Japan - tel +81 (0)3 3370 0401 - [www.doremilabs.co.jp](http://www.doremilabs.co.jp)