# Fiberlink DVI-I to 3G/HD/SD-SDI Scan Converter now with DVI or Analog RGB inputs and 3G-SDI Output Support

## ■ FEATURES

**DVI or Analog RGB Computer Video to 3G/HD/SD-SDI Scan Converter**

Digital DVI & Analog RGB Input Support

3G Output Support (SMPTE 424M-2006)

Store & Recall Presets from the Front Panel with Preset Status LEDs

Psf Output Support

Capture & Store EDID

SMPTE 297-2006 Compliant Fiber Optic Output

Fiber Optic, On Screen Display & Keypanel Lock Status LEDs

Alternate Function Button

Supports 3G SDI resolutions up to 1080p per SMPTE 424M-2006, HD SDI resolutions up to 1080i per SMPTE 292 and SD SDI resolutions per SMPTE 259

Advanced scaling algorithms and 10 bit processing provide exceptionally clean and accurate broadcast quality output

Genlock with full phasing control locks 3G/HD/SD-SDI output to tri-level sync or black burst

Ethernet & RS-232 ports enable remote control of the HD

Includes fiber optic output (SMPTE 297-2006) and two coaxial outputs (SMPTE 424M-2006, 292 and 259)

Complete set of Image processing controls and built-in variable flicker reduction.

Zoom & Shrink horizontally andvertically while maintaining the aspect ratio or set each independently!

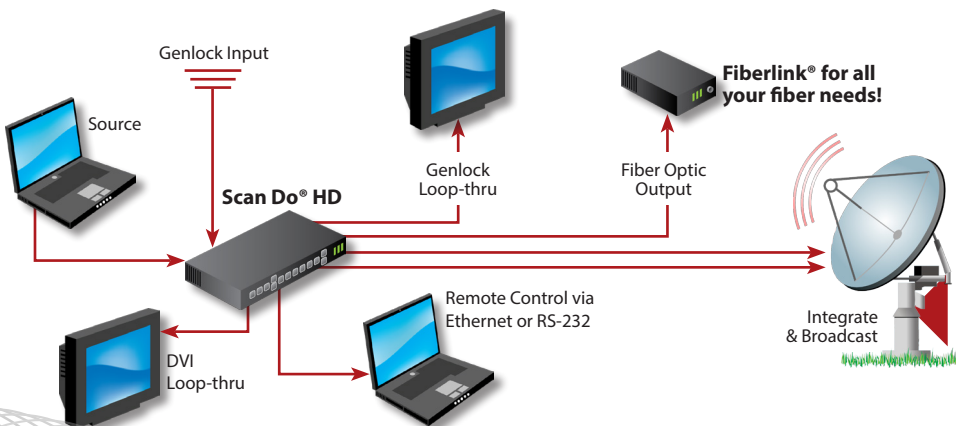Precisely position your image horizontally and vertically

## Convert your high-resolution DVI or Analog RGB computer sources into an SMPTE standard 3G, HD or SD SDI signal for broadcasting on air or integrating into a professional video production system

**Control your Scan Do® HD from anywhere in the world!**

With onboard Ethernet and RS-232, the Scan Do HD allows you to control resolution, zoom, pan, image processing controls, anti-flicker reduction, test patterns and more!

**Signals In**
DVI Input or Analog RGB
Up to 1920x1200

**Signals Out**
3G/HD/SD-SDI
Copper & Fiber
Up to 1080p

# ■ SPECIFICATIONS

## DVI-I single link resolutions

Up to 1920x1200 @ 60 Hz

Pixel Clock Frequency 25 to 165 MHz

(Input Pixel Clock Frequency cannot exceed 165 MHz)

## Output Resolutions

**10-bit 3G-SDI per SMPTE 424M-2006:**

| | |
|---|---|
| 1080/60/P | 1080/59.94/P |
| 1080/50/P | |

**10-bit HD-SDI per SMPTE 292:**

| | |
|---|---|
| 720/60/P | 720/59.94/P |
| 720/50/P | 720/30/P |
| 720/29.97/P | 720/25/P |
| 720/24/P | 720/23.98/P |
| 1035/60/I | 1035/59.94/I |
| 1080/60/I | 1080/59.94/I |
| 1080/50/I | 1080/30/P |
| 1080/30/PsF | 1080/29.97/P |
| 1080/29.97/PsF | 1080/25/P |
| 1080/25/PsF | 1080/24/P |
| 1080/24/PsF | 1080/23.98/P |
| 1080/23.98/PsF | |

**10-bit SD-SDI per SMPTE 259:**

| | |
|---|---|
| 525/59.9/I (NTSC) | 625/50/I (PAL) |

## Input/Output

Single link DVI-I with active loop-thru support; includes 15pin adapter for Analog RGBHV support

Two coaxial outputs; SMPTE 292M, 259M-C & 424M-2006 Level A

One optical output; SMPTE 297-2006 compliant, 1310 nm, single mode or multimode fiber, LC connector, -3.5 dBm nominal output power

Only one output format is available on all outputs at one time.

## Processing Controls

| | |
|---|---|
| Brightness | Contrast |
| Hue | Color Saturation |
| Sharpness | |

## Video Processing

10 bit, all digital

NTSC/PAL black burst or HD tri-level sync

3G/HD resolutions will genlock to NTSC/PAL black burst at the same vertical rate

H, V and Clock phasing with a range of one output vertical period and resolution of 840 ps

## Image Size & Positioning

Separate H & V positioning

Zoom and Shrink; H & V or together

## Control Interfaces

RS-232 & 10/100 Base-T ethernet LAN port with internal HTML host

Front panel push button

Field upgradeable via Ethernet

## Additional Features

Variable flicker reduction

Test pattern generator: color bars at 100% and 75% Saturation

Multiple preset storage and recall settings through remote control interfaces or front panel

On Screen Display (OSD) & LED

Factory defaults reset

Rack mount kit included

RoHS compliant

## General Specifications

| | |
|---|---|
| Dimensions | 16.75 W x 1.75 H x 10 D (inches) |
| | 425 W x 44 H x 254 D (mm) |
| | (without rackmount ears) |
| Weight | 5.5 pounds; 2.49 kg |
| Power | Internal universal input |
| | AC power supply |
| | 95 - 250 volts AC, 47 - 63 Hz, 20 watts |
| BTUs/Hour | 68.24 |
| MTBF | 15,200 Hours |
| Operating Temperature | -10ºC - 50ºC |
| Operating Humidity | 0-95%      non-condensing |

*UPDATED 02/27/2016*

*All specifications subject to change without notice. ©2016*

Contract GS-03F-016CA

## Ordering Information

| Part Number | Description |
|---|---|
| 1298-pp | ScanDo-HD |

**Power Supply Suffix Codes (pp) for AC Line Cord:**

| | | |
|---|---|---|
| NA - North America | AU - Australia | EU - Europe |
| JP - Japan | UK - United Kingdom | |

## Sales

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