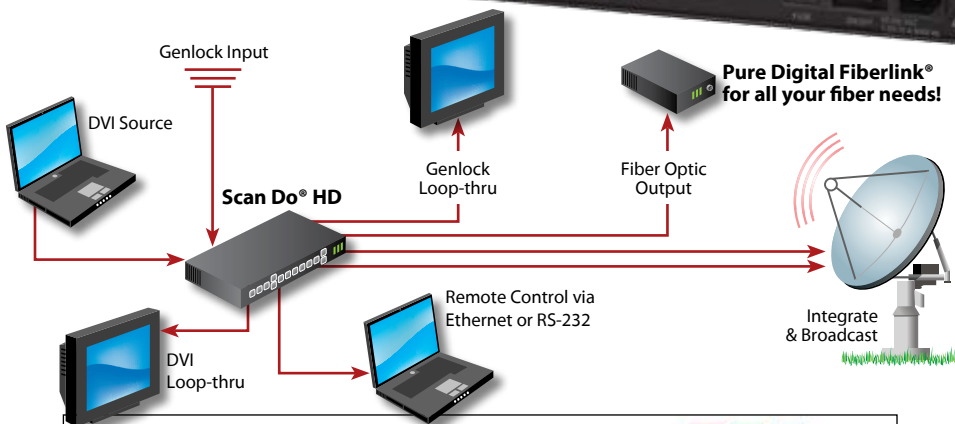


Scan Do HD

Broadcast the best results.

DVI Computer Video to HD/SD-SDI Scan Converter with Genlock Input and Fiber Optic Output

Convert your high-resolution DVI computer sources into a SMPTE standard HD or SD SDI signal for broadcasting on air or integrating into a professional video production system.



Signals In	Signals Out
DVI Input RGB Format Up to 1920x1200	HD/SD SDI Output Copper & Fiber Up to 1080i

Features

Converts DVI (up to 1920x1200) to HD/SD SDI. Advanced scaling algorithms and 10 bit processing provide exceptionally clean and accurate broadcast quality output.

Supports HD SDI resolutions up to 1080i per SMPTE 292 and SD SDI resolutions per SMPTE 259.

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

Ethernet port enables control via your facilities LAN or via the Internet.

Includes fiber optic output (SMPTE 292 and 297) and two coaxial outputs (SMPTE 292 and 259).

Image processing controls for brightness, contrast, saturation, hue and sharpness; variable flicker reduction.

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

Precisely position your image horizontally and vertically. Quickly store and recall your favorite configurations through the remote control ports!

Internal color bar generator.

1 RU high; includes mounting kit!

RoHS Compliant



Control your Scan Do HD from anywhere in the world!

With onboard Ethernet, the Scan Do HD allows you to control resolution, genlock, H & V phase, clock phase, zoom, pan, anti-flicker reduction, test patterns, image adjustments and more!

Best of all, you can save your favorite configurations as a preset!

Scan Do® HD

DVI Computer Video to HD/SD-SDI Scan Converter with Genlock Input and Fiber Optic Output

Ordering Information

Part Number	Description
1297-pp	Scan Do® HD

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

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

Want to learn more about the power of fiber?

Log on to commspecial.com for fiber related resources written for Pro A/V Professionals by Pro A/V Professionals!



Backed by a 30-day satisfaction guarantee and a three-year limited warranty on parts and labor. See website for terms and conditions.

Sales



CSI Communications Specialties, Inc.

631-273-0404 | commspecial.com
info@commspecial.com

UPDATED 5/3/2007
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CSI and the triangle designs are trademarks of Communications Specialties, Inc.



Input Resolutions

DVI-D single link resolutions:

RGB, up to 1920x1200 @ 60 Hz

Pixel Clock Frequency 25 to 165 MHz

Output Resolutions

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 1035/60/I

1035/59.94/I 1080/60/I

1080/59.94/I 1080/50/I

1080/30/P 1080/25/P

1080/24/P 1080/23.98/P

10-bit SD-SDI per SMPTE 259:

525/59.94/I (NTSC) 625/50/I (PAL)

Input/Output

DVI-D, or DVI-I (digital signal only) single link with active loop-thru

Two coaxial outputs; SMPTE 292 & 259

One optical output; SMPTE 292 & 297 1310 nm, single mode or multimode SC/PC

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

Video Processing

10 bit, all digital

Genlock

NTSC/PAL black burst or HD tri-level sync

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

Processing Controls

Brightness Contrast

Hue Color Saturation

Sharpness

Image Size & Positioning

Separate H & V positioning

Zoom and Shrink; H & V or together

Control Interfaces

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

RS-232 port

Front panel push button

Additional Features

Variable flicker reduction

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

Multiple pre-set storage and recall settings through remote control interfaces

On Screen Display (OSD)

Factory defaults reset

Rack mount kit included

RoHS compliant

Dimensions

16.75 W (without rackmount ears) x 1.75 H x 10 D (inches)

425 W x 44 H x 254 D (mm)

Weight: 5.5 pounds; 2.49 kg

Power

Internal universal input AC power supply

95 - 250 volts AC, 47 - 63 Hz, 20 watts

Expand Scan Do® HD's input capabilities with CSI's Model 2100 VGA or Component Video to HDMI/DVI Converter