

PRELIMINARY SPECIFICATIONS - SUBJECT TO CHANGE

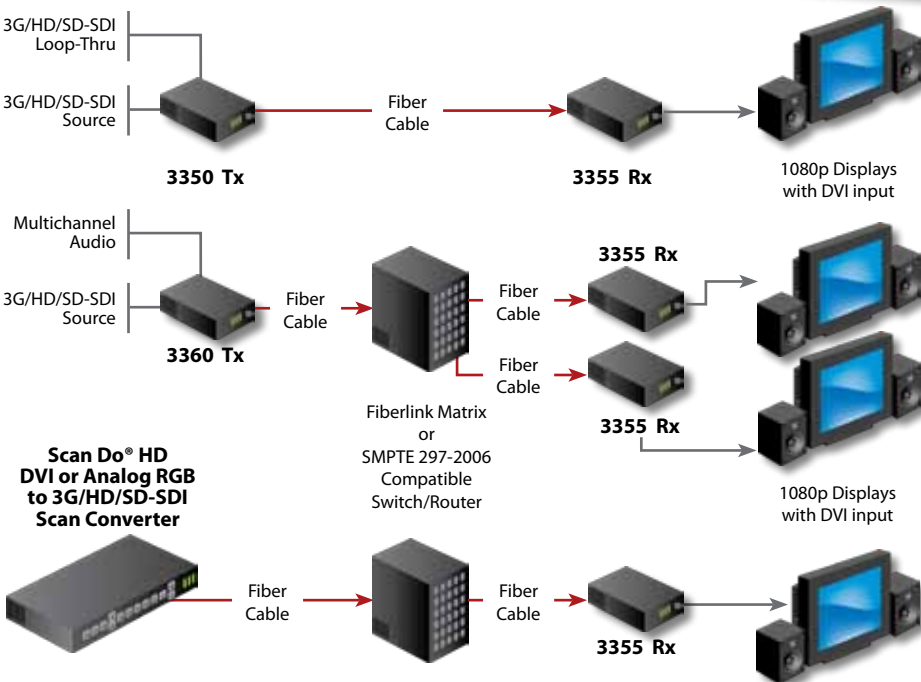


3355 3G/HD/SD-SDI to DVI Receiver

Broadcast quality 3G/HD/SD-SDI Transmission over one single mode or multimode fiber with full SMPTE compliance to DVI baseband output.

Ideal Applications:

Confidence monitoring, broadcast or corporate studios, OB trucks, digital signage, rental and staging, auditoriums, stadiums and theaters, large venue projector installations, airport or transportation hubs, distance learning, surgical or medical imaging and more!



Signal	Channels	Direction
3G/HD/SD-SDI to DVI & Stereo Audio	1	→

Convert 3G/HD/SD-SDI with embedded audio to DVI with audio pair selection

Supports all SD and HD resolutions to 1080p/60

Fully SMPTE 297-2006 compliant fiber input

Stereo line level outputs (if audio present in SDI stream)

User selection from up to 8 audio channel pairs for multilingual or multmessage support

Automatic selection of output resolution - no scaling

Optional re-clocked SDI output

ST and LC fiber connector options

Small compact design

Compatible with Fiberlink 3350, 3360 & 3380 Series, Fiberlink Matrix and Scan Do® HD's optical output.

All Fiberlink® 3G/HD/SD-SDI products are compliant with SMPTE 297-2006 and has the ability to operate seamlessly with Fiberlink® Matrix and other SMPTE 297-2006 fiber optic compliant devices.

All Fiberlink® 3G/HD/SD-SDI products are immune to pathological signals over the entire budget link and operating temperature range and operate with both single mode and multimode fiber types.

Ordering Information

Part Number	Description	Fiber Cores
3355-B7z	Receiver	1
3355-S-B7z	Receiver with optional SDI output	1
PDPS-1-pp	Power Supply	

Power Supply Suffix Codes (pp) for AC Line Cord:
 NA - North America AU - Australia EU - Europe
 JP - Japan UK - United Kingdom

Part Number Suffix Codes:
z: L LC Connector
 S ST Connector

Sales

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Fiberlink® 3355 Receiver Specifications

Fiber Optic Input

SMPTE 297-2006 Labeling	PC-ABCD-1310-1550
Connector	LC receptacle, PC polish or ST
Wavelength	1100 - 1620 nm
Minimum Input Sensitivity	-17 dBm at 2.97 Gbps; -20 dBm at 1.485 Gbps -23 dBm at 270 Mbps;
Maximum Input Power	0 dBm

Video Output

Number of Outputs	1
Connector Type	DVI-I Female (Digital output only)
Signal Format	Single link DVI, RGB or YCrCb as negotiated with display
Resolutions Supported	All 3G/HD/SD-SDI formats from standard definition to 1080p/60
SDI Output	Optional

Audio Output

Number of Audio Channels	2 channels, unbalanced, line level 2 channels embedded in HDMI signal
Audio Connector	RCA Jacks
Switches	Front panel selection of one of 8 audio channel pairs on SDI signal to output
NOTE:	Audio on line level is extracted from audio embedded within SDI signal in accordance with SMPTE standards.

Optional SDI Output

Signal Level	800mV ± 10%
DC Offset	0V ± 0.5V
Rise/Fall Time	< 135 ps at 2.97 Gbps per SMPTE 424M; < 270 ps at 1.485 Gbps per SMPTE 292; 0.4 ns to 1.5 ns at 270 Mbps per SMPTE 259M
Overshoot	< 10% of amplitude
Timing Jitter	< 0.2 UI at 270 Mbps; < 1.0 UI at 1.485 Gbps; < 2.0 UI at 2.97 Gbps with color bar signal
Alignment Jitter	< 0.2 UI at 270 Mbps; < 0.2 UI at 1.485 Gbps; < 0.3 UI at 2.97 Gbps with color bar signal
Re-clocking	At 270 Mbps, 1.485 Gbps & 2.97 Gbps

General Specifications

Indicators	Power, Alarm, Data Rate Lock (3G, HD, SD)
Box Version Dimensions	6.5 W x 1.15 H x 6 L (inches) 165 W x 29 H x 152 L (mm)
Weight	16 ounces, 453.5 grams
Power	9-24 volts, AC or DC,
Operating Temperature	-10° C to +50° C



3355 3G/HD/SD-SDI to DVI Receiver



Learn more about the industry's largest selection of fiber optic transmission products at commspecial.com



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.

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