



### 3353 3G/HD/SD-SDI to HDMI Receiver with SDI Output

Broadcast quality 3G/HD/SD-SDI Transmission over one single mode or multimode fiber with full SMPTE compliance to HDMI & 3G/HD/SD-SDI 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 (Fiber) to HDMI & Stereo Audio & 3G/HD/SD-SDI (Copper)	1	→

#### Features

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

Supports all SD and HD resolutions to 1080p/60

Fully SMPTE 297-2006 compliant fiber input

HDMI embedded and stereo line level outputs (if audio present in SDI stream)

Re-clocked SDI BNC output allows for continuous 3G/HD/SD-SDI signal distribution

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

Automatic selection of output resolution - no scaling

ST and LC fiber connector options

Supports single mode and multimode fiber types.

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.

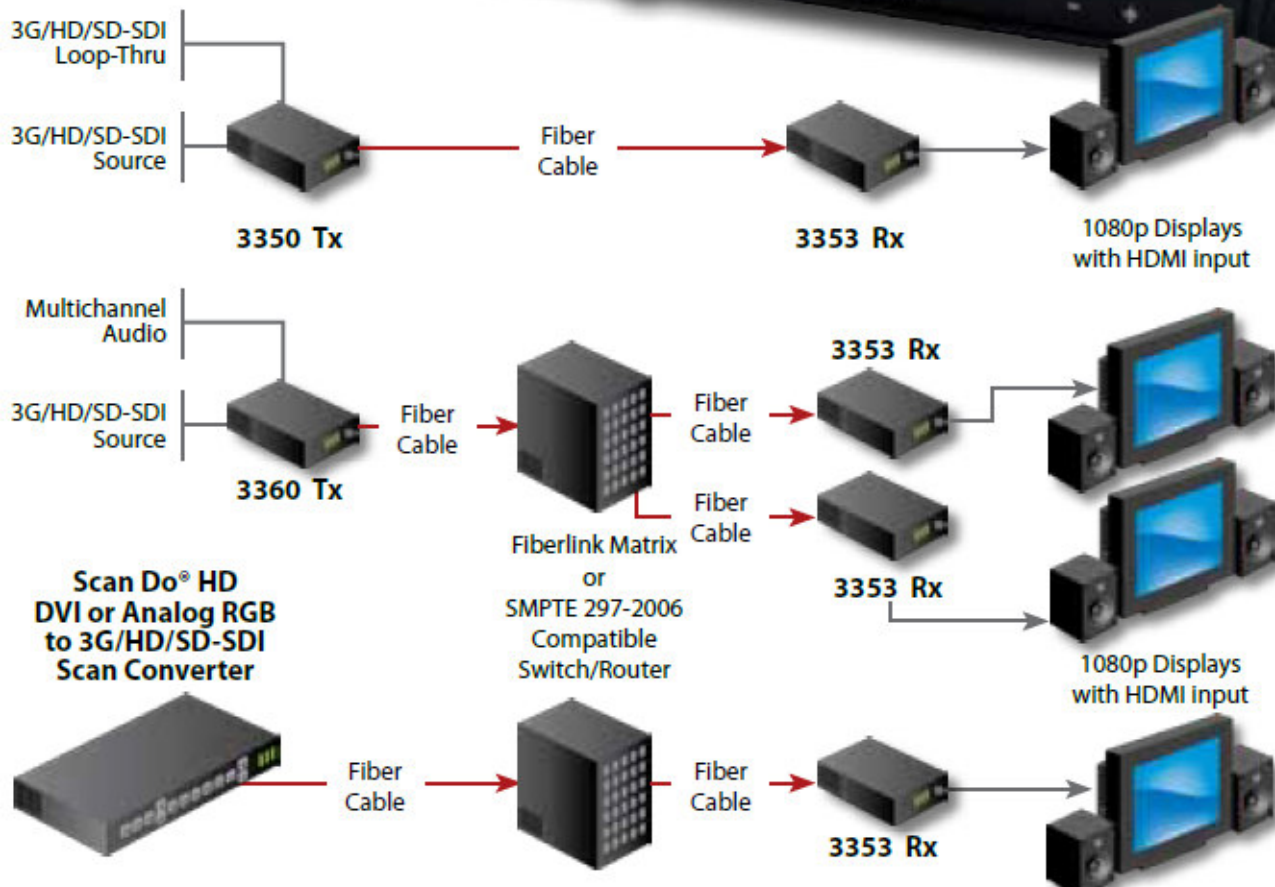
All Fiberlink® 3G/HD/SD-SDI products are immune to pathological signals over the entire budget link and operating temperature range.

#### Sales



**CSI** Communications Specialties, Inc.

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#### Ordering Information

Part Number	Description	Fiber Cores
3353-B7z	Receiver	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

## Fiberlink® 3353 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 -21 dBm at 270 Mbps;
Maximum Input Power	0 dBm

### Video Output

Number of Outputs	1
Connector Type	HDMI Female
Signal Format	Single link HDMI with embedded audio, RGB or YCrCb as negotiated with display
Resolutions Supported	SD: 483i/59.94, 576i/50 ED: 480p/59.94/60, 576p/50 HD: 720p/50/59.94/60 1080i/50/59.94/60 1080p/23.98/24/25/29.97/30 1080p/23.98PsF/24PsF/25PsF/29.97PsF/30PsF 3G: 1080p/50/59.94/60
<b>Note:</b>	<i>Resolutions actually displayed on the HDMI monitor connected to the HDMI output will depend on the specific resolutions and refresh rates supported by that particular monitor.</i>
3G/HD/SD-SDI Output	Standard, Follows fiber optic input
HDCP Compatibility	Yes. SDI signals, by definition, are not encrypted.

### 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
<b>NOTE:</b>	Audio on HDMI and line level are available simultaneously and extracted from audio embedded within SDI signal in accordance with SMPTE standards.

### 3G/HD/SD-SDI Output

Signal Level	800mV ± 10%
DC Offset	0V ± 0.5V
Rise/Fall Time	< 135 ps at 2.97 Gbps per SMPTE 424M-2006; < 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
Compliance	SMPTE 259M, 292, 424M-2006



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### General Specifications

#### Indicators:

Power, Alarm, Data Rate Lock (3G, HD, ED, 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, 5.5 watts, 18.8 BTU/Hr

#### Operating Temperature:

-10° C to +50° C

#### MTBF:

44,000 Hours



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

### Sales



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