



FiberLink® 3355 3G/HD/SD-SDI to DVI Series

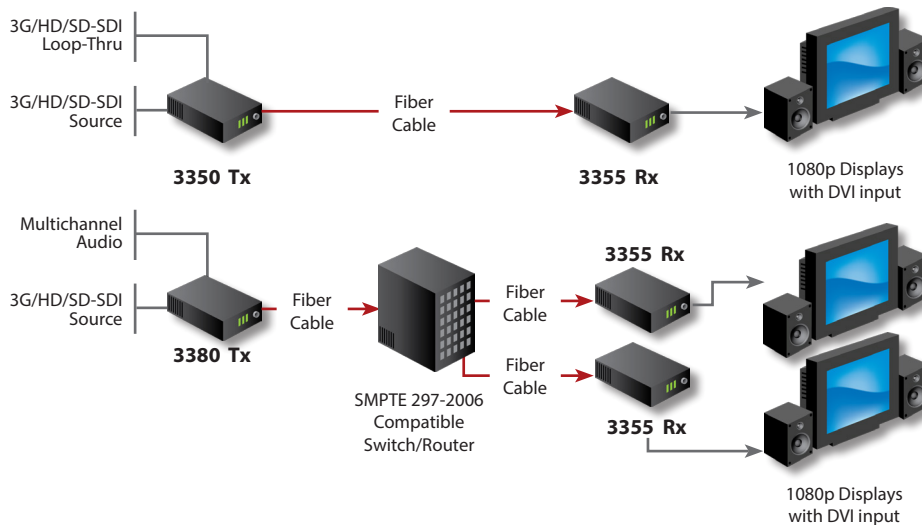


Broadcast quality 3G/HD/SD-SDI Transmission over one single mode or multimode fiber with full SMPTE compliance to DVI & 3G/HD/SD-SDI baseband output.

The FiberLink 3355 Series receives SMPTE standard 3G, HD or SD-SDI signals transmitted from the FiberLink 3350 or FiberLink 3380 Series transmitters, with or without embedded audio, and converts the baseband output to DVI. The FiberLink 3355 receiver provides an independent audio output providing you with the ability to separate your audio and video signals.

The FiberLink 3355 operates with both single mode and multimode fiber and can be configured with an ST connector.

Standard features include a re-clocked 3G/HD/SD-SDI output for continuous signal distribution.



FEATURES

Convert Optical 3G/HD/SD-SDI to DVI

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

Supports all SD and HD resolutions to 1080p/60.

DVI 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 multimessage support.

Automatic selection of output resolution - no scaling.

ST fiber connector.

Supports single mode and multimode fiber types. Small compact design.

Compatible with FiberLink 3380 Series.

All FiberLink® 3G/HD/SD-SDI products are compliant with SMPTE 297-2006 and has the ability to operate seamlessly with 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.

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!

SPECIFICATIONS

Fiber Optic Input

SMPTE 297-2006 Labeling	PC-ABCD-1310-1550
Connector	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	DVI-I Female (Digital output only)
Signal Format	Single link DVI, 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/25PsF/29.97PsF/30PsF 3G: 1080p/50/59.94/60

Note: Resolutions actually displayed on the DVI monitor connected to the DVI output will depend on the specific resolutions and refresh rates supported by that particular monitor.

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
Audio Connector	RCA Jacks
Switches	Front panel selection of one of 8 audio channel pairs on SDI signal to output

NOTE: Audio is 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

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, 5.5 watts, 18.8 BTU/Hr
Operating Temperature:	-10° C to +50° C
MTBF:	44,000 Hours



Schedule
Contract GS-03F-016CA

UPDATED 03/05/2018

All specifications subject to change without notice. ©2018

Ordering Information

Part Number	Description	Fiber Cores
3355-B7S	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

Sales



T: 978-263-5775
 sales@artel.com
 customercare@artel.com
 www.artel.com