

LINK BRIDGE™

Application Diagram



VIDEO SPECIFICATIONS

Input Format	SD-SDI, HD-SDI or 3G-SDI Video	
Output Format	DVI/HDMI/VGA Compatible	
Resolution*	Up to 1080p @ 60Hz	
Connector	BNC	
	*Type	Resolution
	SMPTE 259M	480i (720x480) 59.94
	SMPTE 259M	576i (720x576) 50
	SMPTE 259M	720p (1280x720) 25, 29.97, 30, 50, 59.94, 60
	SMPTE 259M	1080i (1920x1080) 50, 59.94, 60
	SMPTE 424M	1080p (1920x1080) 25, 29.97, 30, 50, 59.94, 60

AUDIO**

Channel Capacity	2
Operating Mode	Unbalanced (Stereo Audio), Bi-directional
Input/Output Impedance	10k/50 Ohms (Stereo Audio)
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio)
Magnitude Freq. Response	20Hz to 20kHz @ -3dB
THD + N	> 70 @ 1k Hz (Stereo Audio)
Connector	3.5mm Stereo Jack

** The stereo audio channel is not a SD-SDI, HD-SDI or 3G-SDI embedded/de-embedded audio, i.e., it is an independent stereo audio channel outside the SD-SDI, HD-SDI or 3G-SDI embedded audio.

SERIAL DATA

Channel Capacity	2
Signal Format	RS-232
Data Rate	Up to 57.6kbaud
Connector	Terminal Block

PHYSICAL

<i>Dimensions</i>	
Standalone	4.17" (W) x 4.08" (D) x 1.14" (H)
Wall-plate	1.69" (W) x 2.69" (D) x 2.80" (H)
Power Consumption	+12VDC @ 1.5 Amps (Max.)
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing



DOING MORE WITH ONE FIBER



LBO-SDI-AD



Link Bridge™ Fiber Optic SDI Transmission Systems



Wall-Plate (Tx)



Stand-Alone (Tx)

FEATURES

- Extend SDI Signals up to 400 meters Over Multimode Fiber
- Supports Full HDTV Video Resolutions up to 720p/1080i/1080p@60 Hz
- Fully Uncompressed Video & Audio Provides Zero Loss of Quality
- Audio+Video+Data, Over 1 Multimode Fiber
- Compatible with our LBO Series Products
- Built-in Signal Conversion When Used with VGA, DVI, and S-video Transmitters

OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

ORDERING INFORMATION

LBO-SDI-AD-T, Fiber Transmitter, Multimode, 1-Fiber

LBO-SDI/DH, SDI to DVI Converter***

Add -WP for Wallplate configuration (***)LBO-SDI/DH Converter does not support a -WP option)

Add -CH for LBO-CH Chassis mounting kit

Add -UPS for International Universal Power Supply

DIMENSIONS

