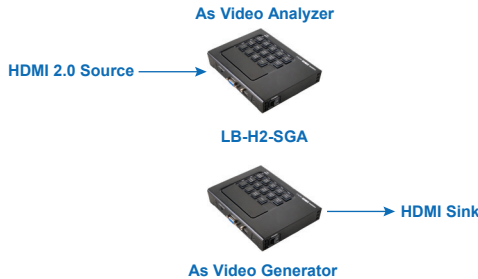


LINK BRIDGE™

LB-H2-SGA

Link Bridge™ HDMI 2.0 Signal Generator and Analyzer

Application Diagram



SIGNAL GENERATOR/ANALYZER

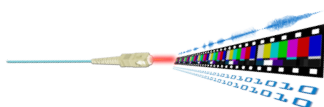
Input	One (1) HDMI Input port One L/R analog audio (3.5mm jack)
Output	One (1) HDMI Output port One (1) VGA Output port, HD-15 One L/R analog audio (3.5mm jack)
VGA Output	Resolutions support 350p, 480p, 576p, 720p, 1080i, 1080p, 640×480, 800×600, 1024×768, 1280×1024, 1366×768, 1400×1050, 1440×900, 1600×900 (RB), 1600×1200, 1680×1050, 1920×1200 (RB), 2048×1080p
HDMI Output	Resolutions support 350p, 480p, 576p, 720p, 1080i, 1080p, 640×480, 800×600, 1024×768, 1280×1024, 1366×768, 1400×1050, 1440×900, 1600×900 (RB), 1600×1200, 1680×1050, 1920×1200 (RB), 3G4K, 6G4K
Control	RS-232, DB-9 LAN, RJ-45 USB, for firmware upgrade

PHYSICAL

Dimension (W x D x H)	4.93" x 6.11" x 1.19"
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C
Power Supply	5V@2.6A

ORDERING INFORMATION

LB-H2-SGA	HDMI 2.0 Signal Generator and Analyzer
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DOING MORE WITH ONE CABLE

FEATURES

HDMI 2.0 (up to 4K@60Hz 4:4:4) and HDCP 1.4/2.2 compliant
Analysis of source and sink data paths up to 6G HDMI signals
Analysis of HDMI data packets
Analysis and control of HDCP 1.4 and 2.2
Analysis and emulation of EDID data, including SCDC
Analysis of input audio signals
HDR bypass and analysis support
Generate HDMI timings up to 6Gbps (4096×2160@60Hz 4:4:4, 8-bit)
Generate HDMI and VGA signal outputs
External stereo audio input and output
Generation of LPCM sinewave audio on up to 8 channels
Front-panel, RS-232, Telnet, and IR Remote controls
Detailed OSD for settings and informational displays

PANEL DRAWINGS

