

# LinkBridge™ 18G/4K HDMI Signal Generator & Analyzer



Video Analyzer Mode

HDMI 2.0 Source

**LB-H2SCL**

Video Generator Mode

**LB-H2SCL**

HDMI 2.0 Sink

## Overview

The LB-H2-SGA LinkBridge™ 18G/4K HDMI Signal Generator & Analyzer is a powerful and flexible signal generator and analyzer that is a must-have for all AV System Integrators and Technicians. It is the ideal diagnostic tool for the design, testing, troubleshooting and repair of various source and sink devices. The ability to generate various audio and video signals provides you with the flexibility to easily and accurately diagnosis and test various HDMI Video and Audio equipment. The small form-factor provides you with the ability to conduct quick on-site verification testing from virtually anywhere.

## Features

- HDMI 2.0 (up to 4K60, 4:4:4) and HDCP 1.4 & 2.2 Compliance
- Analyze up to 6G HDMI source and sink data paths
- Analyze and control HDCP 1.4 and 2.2 video signals
- Emulates Sinks and EDID Data
- Supports audio input and output signals
- HDR Signal Emulation
- Generates HDMI timing up to 6Gbps (4096×2160@60Hz, 4:4:4, 8-bit)
- Generate HDMI and VGA signal outputs
- Audio Insertion and Extraction
- Generates LPCM sinewave audio on up to 8 channels
- Front-Panel, RS-232, Telnet, IR Remote, and PC Application Control
- Detailed OSD to access settings and other information on the easy-to-read display

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## INPUT PORTS

<b>Input</b>	One- HDMI Input Port One- L/R analog audio (3.5mm jack)
<b>Output</b>	One- HDMI Output Port One- VGA Output Port, HD-15 One- L/R Analog Audio (3.5mm jack)
<b>VGA Output</b>	Resolution Support 350p, 480p, 576p, 720p, 1080i, 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
<b>HDMI Output</b>	Resolution Support 350p, 480p, 576p, 720p, 1080i, 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, 4K and much more
<b>Control</b>	RS-232, DB-9 LAN, RJ-45 USB for firmware upgrades

## PHYSICAL

<b>Dimensions</b>	4.73"(W) x 6.11"(D) x 1.19"(H)
<b>Power Rating</b>	5V, 2.6A
<b>Operating Temperature</b>	0 to 40°C, operating
<b>Humidity</b>	-20 to 60°C

## CERTIFICATION

CE, FCC

## COMPLIANCE

ROHS

## ORDER INFORMATION

<b>LB-H2-SGA</b>	LinkBridge™ 18G/4K Signal Generator & Analyzer
<b>Included Accessories</b>	Remote Control 5V DC, 2.6A Power Adapter
<b>Optional Accessories</b>	HDMI 2.0 Cable (2m)

## PANEL DRAWING

