

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





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 flexibilty 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 ouput 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



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

INPUT PORTS

Input One- HDMI Input Port

One- L/R analog audio (3.5mm

jack)

Output One- HDMI Output Port

> One- VGA Output Port, HD-15 One- L/R Analog Audio (3.5mm

jack)

VGA Output 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

HDMI Output 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

RS-232, DB-9 Control

LAN, RJ-45

USB for firmware upgrades

PHYSICAL

Dimensions 4.73"(W) x 6.11"(D) x 1.19"(H)

Power Rating 5V, 2.6A

Operating Temperature 0 to 40°C, operating

Humidity -20 to 60°C

CERTIFICATION

CE, FCC

COMPLIANCE

ROHS

ORDER INFORMATION

LB-H2-SGA LinkBridge™ 18G/4K Signal Gener-

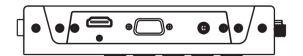
ator & Analyzer

Included Accessories Remote Control

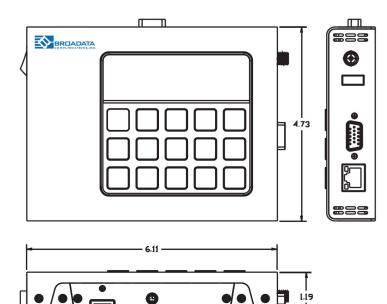
5V DC, 2.6A Power Adapter

Optional Accessories HDMI 2.0 Cable (2m)

PANEL DRAWING







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