

Broaddata LBS-1616 16x16 Link Bridge Modular Matrix Switch with One Power Module

This listing is for LBS-1616 (16x16) Matrix Switcher only. Use description below as a general reference.

The LBS Series is a high performance Link Bridge™ Universal Matrix Switcher System that provides up to 32x32 video switching for HDMI/ DVI signals. It supports 12-bit deep color resolutions up to 1080p and 1920x1200@60Hz with multi-channel digital audio, such as LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD. Standard versions of the LBS support all optical switching, or hybrid optical/electrical switching, for HDMI/DVI signals. When configured for optical switching, only one fiber is required per input or output port. In addition, the distance between the switch and HDMI/DVI devices can be up to 400m when connected by fiber cable. The I/O ports in the LBS can be configured in multiples of 8, thus supporting 8x8, 8x16, 24x16, up to 32x32 matrix size. The LBS comes in a 5-RU packaging design, and has option for single or dual power supply.

The LBS supports jitter-free, high-quality HDMI/DVI Display with several EDID functions for independent display resolution at per-port basis. Types of switching control available: manual control panel, standard RS-232, or Ethernet Web GUI and Telnet control.

Features

- Professional video switched distribution with multi-format modular platform
- HDMI/DVI centric video switching
- HDBaseT output switching for distance HDMI/DVI (up to 100m w/PoH)
- Optical I/O switching for long distance HDMI/DVI (up to 400m)
- Supports true DDC/EDID/HDCP transmission
- Up to 16 input and output ports with 8 or 4 Ports per I/O Card
- Support resolutions up to 1080p and 1920x1200 @60Hz, or up to UltraHD (4K/30Hz)
- Remote control: Supports RS-232 control, Ethernet Web GUI, and Telnet control
- HDBaseT and Optical I/O cards support In-Line-Control with compatible transmitters and receivers
- Supports redundant power supply
- Compatible with LBO series optical extenders and with the standard and designer series (LBC and LBH model) HDBaseT extenders