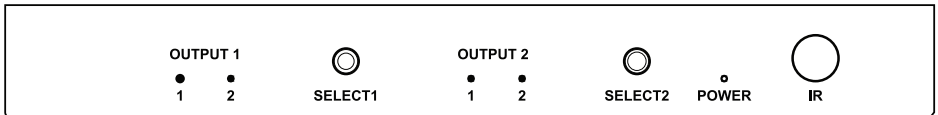
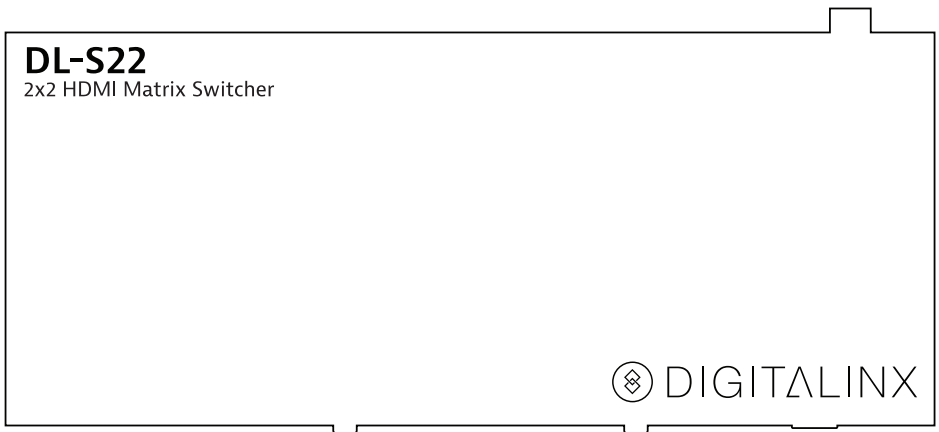
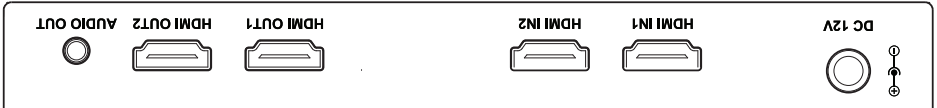




DIGITALINX

DL-S22 Installation Guide



Included Accessories

- Installation Guide
- Power Supply
- Mounting Brackets with Screws (Pair)
- IR Remote

The DigiLinx DL-S22 is a two input by two output slim HDMI matrix with Ultra HD 4K support. The DL-S22 is HDCP 1.4 compliant and supports resolutions up to 4K@30Hz and 1080p@60Hz. Built-in diagnostic LEDs ensure hassle-free and robust installations.

The DL-S22 features two advanced technologies: automatic EDID management, which provides Copy EDID options for different resolutions output, and HDCP management, which authenticates HDCP encryption between all devices, ensuring the HDMI source reliably outputs correct content for display.

The matrix switcher supports CEC control to turn on/off the TV and offers a stereo audio output. The 12 volt power supply is secured with a screw-on connector to prevent the power from being accidentally disconnected.

Instructions

1. Verify all components included with the matrix switcher are present before installation.
2. If the matrix switcher is going to be permanently mounted to a surface, attach the included mounting brackets.
3. Turn off power and disconnect the audio/video equipment by following the manufacturer's instructions.
4. Connect HDMI source devices (such as a Blu-Ray, game consoles, media server etc.) to the input ports of the matrix using quality HDMI cables.
5. Connect HDMI display devices (LED/LCD display or projector) to the output ports of the matrix.
6. Connect the audio out to an audio system, audio is de-embedded from HDMI Out 2.
7. Connect the included power supply to the matrix switcher and lock the power supply to the power connector by twisting the locking collar clockwise.
8. Power on attached audio/video devices.

EDID Management

When an HDMI video source boots up, it normally communicates with the output device using the EDID communication protocol based on the built in EDID information. The source device then produces a signal with the optimum resolution that is compatible with the output device.

DL-S22 Supports EDID copy insert priority function. When connect to a monitor, copy EDID of the monitor directly. When connect to two monitors, according to the access time of the monitors, then carried out copy EDID in sequence.

If HDMI OUT 1 inserts first, the EDID of HDMI OUT 1 shall be copied; otherwise, the EDID of HDMI OUT 2 will be copied

Note: While power on after connection of two monitors, the EDID of HDMI OUT 2 will be copied.

IR Remote Functionality

The included remote control can be used to turn on and off a CEC-enabled display device and to switch two HDMI sources (1 and 2 buttons are effective) for each display device.

The internal battery inside the remote control of our device is packaged by insulation slice, please remove the insulation slice before use.

Please make sure that the remote is pointed directly at the IR receiver window.



TV1, TV2 : Turn on/off CEC enabled display device.

Arrows : Select previous/ next source input.

1-2 Selection : Select a specific source input.

Important notice:

- Do not attempt to disassemble or alter the extender housing. There are no user-serviceable parts inside the unit. Doing so will void your warranty.
- To minimize the possibility of equipment damage from electrostatic discharge (ESD), all source and destination equipment must be powered off during installation.
- Do not connect the extender to a telecommunication outlet wired to unrelated equipment. Doing so may damage the unit or any connected equipment. Ensure all connected twisted pair cabling is straight-through (point-to-point).
- Allow proper ventilation to reduce the risk of thermal failure.

Technical Specifications

Supported Audio and Video	
Input	2x HDMI IN
Input Signal Type	HDMI 1.4
Input Resolution Support	720 x480@30Hz/60Hz, 720 x 576@30Hz/60Hz, 1080 x 720@30Hz/60Hz, 1920 x 1080@30Hz/60Hz, 1920 x 1200@60Hz, 3840 x 2160@30Hz, 4096 x 2160@24Hz
Input Video Level	0.5-1.0 V p-p
Input DDC Signal	5V p-p
Maximum Pixel Clock	297MHz
Output	2 x HDMI OUT 1 x Audio OUT
Output Signal Type	HDMI 1.4
Output Resolution Support	720 x480@30Hz/60Hz, 720 x 576@30Hz/60Hz, 1080 x 720@30Hz/60Hz, 1920 x 1080@30Hz/60Hz, 1920 x 1200@60Hz, 3840 x 2160@30Hz, 4096 x 2160@24Hz
Video Impedance	100 Ω
Chassis and Environmental	
Dimensions	182mm x 22 mm x 77 mm (7.16 in. x 0.86 in. x 3.03 in.)
Weight	0.34kg
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 70°C)
Operating Humidity (Environment)	10 % to 90%, Non-condensing
Power	
ESD Protection	Human-body Model: 8Kv (Air-gap discharge)/ 4Kv (Contact Discharge)
Surge Protection	Voltage: ±1 kV (Ten times respectively for the positive and negative voltage)
Electrical Fast Transient/Burst	Data communication cord: 1 kV / Power cord : 2 kV
Power Supply Output Voltage	DC12V1A
Power Consumption	5W (Max.)
Regulatory	CE, FCC, RoHS
Other	
Standard Warranty	2 Years
Included Items	Installation Guide, Power Supply, Mounting Brackets with Screws (Pair), IR Remote



LIBERTY
AV SOLUTIONS

A SUBSIDIARY OF WESCO DISTRIBUTION, INC.

11675 Ridgeline Dr.

Colorado Springs, CO 80921

Toll-Free: 800-530-8998

Fax: 719-260-0075