The DigitaLinx DL-HDM44-FS is an four input by four output seamless 4K scaling HDMI matrix switcher with input support up to 4k@30Hz and HDCP2.2. With a high-performance 4K@30Hz video scaler built into each output channel, it easily scales various resolutions to match the best video and picture quality across all displays. The DL-HDM44-FS provides each HDMI output with a de-embedded 3-pin unbalanced stereo audio out to feed an audio amplifier system.

The matrix features advanced independent DIP switch for EDID management. The DL-HDM44-FS offers HDCP handling, including the ability to turn input HDCP compliance ON and OFF to ensure maximum functionality with a wide range of sources.

The DL-HDM44-FS can be controlled via front panel buttons, front panel IR, external IR, remote IR, RS232, and Ethernet. The matrix includes a simple IR remote control to allow IR switching. The matrix also features a full command set for RS232 and Ethernet control with third party control systems, plus control via a web browser.
### DL-HDM44-FS Technical Specifications

#### Input/Output Connections

**HDMI Inputs**
Four (4) HDMI Type A Receptacle

**HDMI Outputs**
Four (4) HDMI Type A Receptacle

**Analog Audio Outputs**
Four (4) 3-Pole/3.5mm Euroblock

**IR extension**
One (1) 3.5mm TRS

**TCP/IP**
One (1) 8P8C Port (Shielded RJ45 Female)

**RS232**
One (1) 3-pin Removable Terminal Block Connector

**Power**
One (1) IEC C14

#### Supported Audio, Video, and Embedded Control

**Video Resolutions**
- VESA: 640x480@60Hz, 800x600@60Hz, 1024x768@60Hz, 1280x800@60Hz, 1280x960@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1366x768@60Hz, 1440x900@60Hz, 1600x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1200@60Hz, 2048x1152@60Hz, 2048x1080@60Hz, 2560x1080@60Hz, 2560x1440@60Hz, 2560x1600@60Hz, 3840x2160@24/25/30Hz
- SMPTE: 720x480@60Hz, 720x576@50Hz, 1280x720@50/60Hz, 1920x1080@50/60Hz

**Deep Color**
1080p 36bit / 4K 24bit

**Maximum Passive HDMI Cable Distance**
5 m (16.4 ft)

**Video Compliance**
HDMI1.4 / HDCP2.2 only for inputs

**Audio Format Supported**
Multi-channel digital audio, PCM2.0 and Dolby5.1., 2-CH stereo audio de-embedded

**Embedded RS232 Baud Rate**
57600 baud

#### Device Control Parameters

**IR Carrier Frequency Range**
33-55kHz at 5 volts

**Ethernet**
100BaseT

**RS232 Baud Rate**
57600 baud

#### Chassis and Environmental

**Enclosure**
Painted Aluminum

**Dimensions (H x W x D)**
43 mm x 437 mm x 326 mm (1.69 in x 17.20 in x 12.83 in) – 1 RU

**Shipping Weight**
4.86kg (10.71 lbs.)

**Operating Temperature**
0° to +45° C (+32° to +113° F)

**Operating Humidity**
10% to 90%, Non-condensing

**Storage Temperature**
-20° to +70° C ( -4° to +140°F)

**Storage Humidity**
10% to 90%, Non-condensing

#### Power, ESD, and Regulatory

**Power Supply**
100V-240VAC / 50-60 Hz

**Power Consumption**
75W (Max.)

**ESD Protection**
8kV air, 4kV contact

**Product Regulatory**
FCC, CE, RoHS

#### Other

**Standard Warranty**
2 years

**Diagnostic Indicators**
System LCD

**Included Accessories**
Installation Guide, IR Remote, IR Receiver, Rack Mounting Ears with Screws, US Power Cable, USB to UART Cable, (8) 3.5mm 3pin Phoenix

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches.