

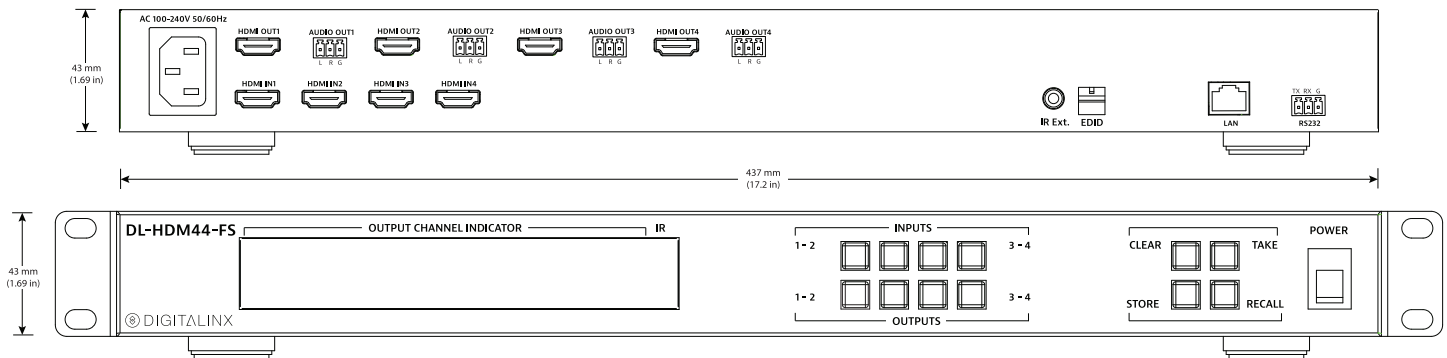
DL-HDM44-FS Technical Specifications

4x4 HDMI matrix with seamless switching and 4k scaling outputs
Rev 160509

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.



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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, 1280x768@60Hz, 1280x800@60Hz, 1280x960@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1366x768@60Hz, 1440x900@60Hz, 1600x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1200@60Hz, SMPTA: 720x480@60Hz,720x576@60Hz, 1280x720@50/60Hz, 1920x1080@50/60Hz, 3840x2160@24/25/30Hz
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.