



FDX-S Input Board FDX-SIV4H

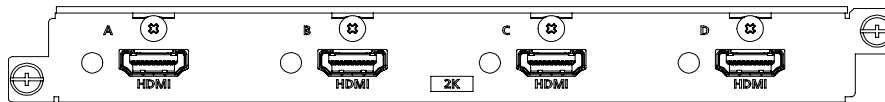
The FDX-SIV4H is a four-input HDMI board designed for FDX-S series Modular Matrix Switchers. The board supports HDMI and DVI at video resolutions up to 4K@30 and complies with HDCP 1.4.

■ Specification

Item		Description
Input		4 inputs
Video	HDMI/DVI	HDMI/DVI 1.0 TMDS single link, HDCP 1.4 TMDS clock: 25 MHz to 300 MHz, TMDS data rate: 0.75 Gbps to 9 Gbps 36 bit Deep Color For WQHD, WQXGA, and 4K formats, 24 bit is supported. x.v.Color/3D/HDR/ARC/HEC/CEC are not supported. EDID emulation
	Format	VGA to 4K (Dot clock: 25 MHz to 300 MHz) For WQHD/WQXGA, only Reduced Blanking is supported. 480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K For 4K formats, 24 Hz/25 Hz/30 Hz are supported.
Audio	Digital	Multi-channel LPCM up to 8 channels Sampling frequency: 32 kHz to 192 kHz, Sample size: 16 bit to 24 bit Reference level: -20 dBFS, Max. input level: 0 dBFS
Connector		Female HDMI Type A (19-pin)
Maximum transmission distances		98 ft. (30 m) (1080p@60), 66 ft. (20 m) (4K@30) (*1)
General	Power consumption	About 11 Watts
	Weight	0.7 lbs. (0.3 kg)
	Temperature	Operating: 32°F to 104°F (0°C to +40°C) Storage : -4°F to +176°F (-20°C to +80°C)
	Humidity	Operating/Storage: 20% to 90% (Non Condensing)

*1 The maximum cable distance varies depending on the connected devices and was measured under following conditions:
 • 1080p@60 : When IDK's 24 AWG cable was used and signals of 1080p@60 24 bit/pixel (8 bit/component) was input.
 • 4K@30 : When IDK's 24 AWG cable was used and signals of 4K@30 24 bit/pixel (8 bit/component) was input.
 The maximum cable distance depends on the connected devices. The distance may not be extended with some device combinations, cabling method, or other manufacturer's cable. Video may be disturbed or may not be output even if signals are within the range mentioned above.

■ Panel



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