FDX-S Input Board
FDX-SIV4UC

The FDX-SIV4UC is a four-input 10GbE board designed for FDX-S Modular Matrix Switchers.
The board supports video resolutions up to 4K@60 (4:4:4) and complies with HDCP 2.2.
Input video signals can be transmitted up to 328 ft. (100 m).
RS-232C bidirectional communication and LAN transmission are also supported.

This product can be used in combination with IDK's other SDVoE supported products.

■ Specification

Item		Description
Input		4 inputs

Video	10GbE (*1)	SDVoE, AES-128
		36 bit Deep Color, HDR (*2)
		  For 4K@50/59.94/60 RGB/YCbCr 4:4:4, 24 bit is supported.
		  x.v.Color/3D/ARC/HEC/CEC are not supported.
		EDID emulation, RS-232C/LAN

	Format	VGA to 4K (Dot clock: 25 MHz to 600 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/50 Hz (4:4:4)/60 Hz (4:4:4) 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		RJ-45
Cable		CAT6A (STP)
Maximum transmission distance		328 ft. (100 m) (*3)
General	Power consumption	About 42 Watts
	Weight	1.3 lbs. (0.6 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   For 10GbE extension, use this product in combination with other IDK's SDVoE supported products.
*2   HDR is supported if external EDID is selected while an HDR-supported sink device is connected for EDID setting or if copied EDID of an HDR-supported sink device is selected for EDID setting.
*3   The maximum specified distances may not be achievable with some device combinations, cabling method, or other manufacturer's cable. For the same reasons, video signal disturbances or interruptions may occur, even if signals are within the specified distance (cable length) parameters.
     The maximum cable length varies depending on the connected devices. The specifications have been qualified under following conditions:
       ・10GbE: When CAT6A (STP) cable is used.

■ Panel

IDK Corporation