FDX-S Input Board
FDX-SIV4UT

The FDX-SIV4UT is a four-input HDBaseT board designed for FDX-S Modular Matrix Switchers.
The board supports video resolutions up to 4K@60 and complies with HDCP 2.2.
Input video signals can be transmitted up to 328 ft. (100 m); 1080p (24 bit) video signals can be sent up to 492 ft. (150 m) in Long reach mode.
RS-232C bidirectional communication and LAN transmission are also supported.

■ Specification

Item		Description
Input		4 inputs
Video	HDBaseT	HDBaseT HDCP 1.4/2.2 36 bit Deep Color, x.v.Color, 3D (*1), HDR (*2) 　For WQHD, WQXGA, and 4K formats, 24 bit is supported. 　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 (4:2:0)/60 Hz (4:2:0) 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 (*3)
Cable		CAT.5E HDC, Cat5e UTP/STP, Cat6 UTP/STP (T568A/T568B straight-through)
Maximum transmission distances		328 ft. (100 m), 492 ft. (150 m) (Long reach mode is used) (*4)
General	Power consumption	About 31 Watts
	Weight	1.1 lbs. (0.5 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　3D is supported if external EDID is selected while a 3D-supported sink device is connected for EDID setting or if copied EDID of 3D-supported sink device is selected for EDID setting.
*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　RJ-45 (HDBaseT connector) is only for extending digital video and audio signals over a Cat5e/Cat6 cable. Use it with IDK's HDBaseT Products. Do not use for LAN devices.
*4　The maximum transmission distance was obtained when IDK's CAT.5E HDC cable was used. 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.
　　The maximum transmission distance is the shorter distance of connected HDBaseT product or sink device's maximum transmission distance.
　　Up to 492 ft. (150 m): 1080p (24 bit) in Long reach mode. For Long reach mode, use IDK's HDBaseT Products that supports 328 ft. (100 m) or longer.

■ Panel

IDK Corporation