



FDX-S Output Board FDX-SOV4TS

The FDX-SOV4TS is an HDCP 1.4-compliant four-output HDBaseT board designed for FDX-S series Modular Matrix Switchers. The board includes a scan converter that supports resolutions up to QWXGA or 1080p and switches input video signals fast. Videowall can easily be configured using this board. 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.

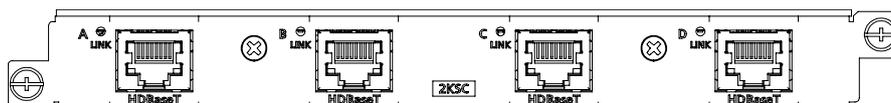
The Lip Sync feature provides the user with a means to control time alignment between the video and audio.

■ Specification

Item		Description	
The number of outputs		4	
Input	Video	Format	VGA to QWXGA (Dot clock: 25 MHz to 165 MHz) For WUXGA/QWXGA, only Reduced Blanking is supported. 480i / 480p / 576i / 576p / 720p / 1080i / 1080p
	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
Output	Video	HDBaseT	HDBaseT HDCP 1.4 30 bit Deep Color x.v.Color/3D/HDR/ARC/HEC/CEC are not supported. RS-232C/LAN
		Format	VGA / XGA / WXGA (1280x768) / WXGA (1280x800) / Quad-VGA / SXGA / WXGA (1360x768) / WXGA (1366x768) / SXGA+ / WXGA+ / WXGA++ / UXGA / WSXGA+ / VESAHD / WUXGA / QWXGA For VESAHD/WUXGA/QWXGA, only Reduced Blanking is supported. 480p / 576p / 720p / 1080i / 1080p
	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. output level: 0 dBFS
Connector		RJ-45 (*1)	
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) (*2)	
Functions	Scan Converter	Motion adaptive interlaced/progressive conversion, Aspect ratio control, Picture adjustment (brightness, contrast, image position, image size, etc.), Seamless Switching	
	Others	Videowall output, Lip Sync (Max. 256 ms.), Anti-snow, Connection Reset (*3)	
General	Power consumption	About 40 Watts	
	Weight	1.8 lbs.(0.8 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 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.
- *2 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.
- *3 For digital systems, some problems, such as an HDCP authentication error, can often be recovered by physically disconnecting and reconnecting the digital cables. However, the Connection Reset feature will fix these problems automatically without the need to physically plug and unplug the cables. It creates the same condition as if the cable were physically disconnected and reconnected. This feature only works for the FDX-S's output. If other devices are connected between the FDX-S's output and sink device, this feature may be invalid.

■ Panel



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