



Patented Mathematical Lossless Compression

MORE Storage

FASTER Transfers

CONSERVE Bandwidth

SAVE Time & Money

PRODUCT INFORMATION SHEET

Zaxtar® 4K DVI Server



*World's highest performance 4K video server with 8/10/12/14/16 bit, 24/30/48/60/72/120/144 P
Plays back 4K video to 4K projectors/displays or 4 HD projectors with edge blending*

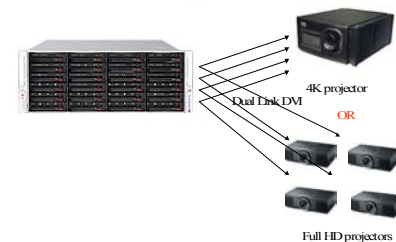
Zaxtar 4K DVI server is the world's most powerful 4K video server. It can output RGB 444 video with 8/10/12/16 bit per color component at 24, 30, 48, 60, and 120 frames per second. Video can be stored as uncompress video or compressed with Zaxel's mathematically lossless compression, ZLC. Mathematically lossless compression does not degrade the quality of video, but reduces storage requirement; thus, higher data rate can be achieved.

Computer graphics 4K video are used for scientific visualization, simulation, and virtual reality. Real world 4K video is beginning to be widely available because of affordable 4K video cameras such as RED ONE camera. Yet viewing 4K video clip is still expensive.

Zaxtar 4K DVI Server has enabled to view 4K video clip at low cost by integrating an edge-blending software, EasyBlend™, so that video is output to four (4) inexpensive home theater HD projectors, but they are shown as one seamless 4K video on the screen.

By introducing 4K video server that support not only the real 4K projectors and flat panel displays but inexpensive HD projectors, Zaxel will deliver 4K viewing experience to theaters, post production houses, universities, research laboratories, and museums at reasonable cost.

Projectors supported by Zaxtar 4K DVI



Technical Specifications:

Video Output	Four (4) Dual Link DVI	Audio	24bit, 48KHz, AES 6 channels
Video Formats	8, 10, 12, 14, 16 bit RGB 444 3840 X 2160, 4096 X 2160, 4096 X 2400	RS 422	Master and Slave
Frame rates	24, 30, 48, 60, 72, 120, 144 fps	Time code	LTC
Input File Formats	TIFF, DPX, MOV, TARGA	Genlock	Trilevel
	DPX files are played back directly, other files are converted to AVI files before play back	Edge Blending	Option
		Video cards	nVidia Quadro FX 5800 or Quadro Plex

Models:

100:	8 bit, 24,30 fps		
200:	8 bit, 24,30,48,60 fps	& 10 bit, 24,30 fps	
400:	8 bit, 24,30,48,60,120 fps	& 10 bit, 24,30,48,60 fps	& 12 bit, 24, 30 fps & 16 bit, 24, 30 fps
400:	8 bit, 24,30,48,60,120 fps	& 10 bit, 24,30,48,60 fps	& 12 bit, 24, 30, 48, 60 fps & 16 bit, 24, 30, 48, 60 fps

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