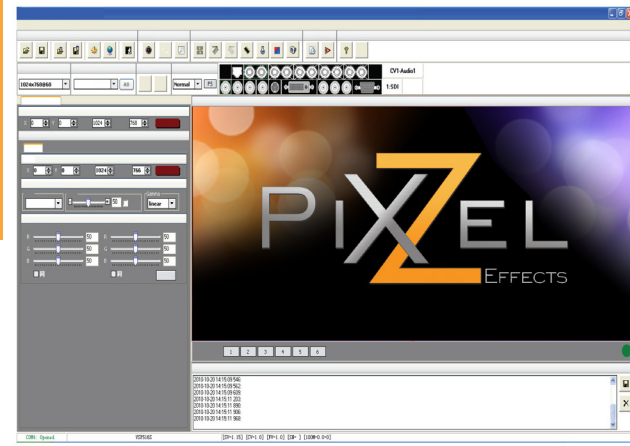


Control-Z Processor

PROCESSING

At the heart of all of our video displays is our newly designed Z-series Video Processor with the latest high-performance image processing technology. This processor offers a wide assortment of input standards in both PAL and NTSC, including: Composite (CVSB), S-Video (Y-C), Component (YCbCr, YPbPr), RGBHV, VGA, DVI-D, HDMI, and USB. Integrated software interface eases setup and control. New features include direct playback of video from external USB flash drive.



Specification	Control-Z Processor
Composite BNC Input	
Number of Inputs	3
Supported Standards	PAL/NTSC
Signal Level	1Vpp±3db (0.7V Video+0.3v Sync) 75 ohm
Supported Resolutions	480i,576i
S-video DIN4 Input	
Number of Inputs	1
Supported Standards	PAL/NTSC
Signal Level	Y:1Vpp±3dB (0.7V Video+0.3v Sync) 75 ohm U/V:0.7Vpp±3dB 75ohm
Supported Resolutions	480i,576i
YPbPr BNC Input	
Number of Inputs	BNC*3
Supported Resolutions	Anologue HD Input 480i,576i,480p,576p,720p50,720i60,1080i50,1080p50 1080i50,1080i60
Signal Level	Y:1Vpp±3dB (0.7V Video+0.3v Sync) 75ohm Pb/Pr:0.7Vpp±3dB 75ohm
VGA DB15 Input	
Number of Inputs	1
Connector	Standard DB15 socket
Supported Standards	VGA-UXGA
Signal Level	R,G,B,Hsync,Vsync:0 to1Vpp±3dB (0.7V Video+0.3v Sync) 75 ohm; black level,300mV Sync-tip,0V
Supported Resolutions	1024*768*60, 800*600*60, 640*480*60
DVI Input	
Number of Inputs	1
Connector	Standard DVI-I socket
Supported Resolutions	SMPTE: 625/25 PAL, 525/29.97 NTSC, 625/50p PAL, 525/59.94p NTSC:1080i50,1080i59.94/60,720p50,720p59.94/60 VESA: 800×600×60Hz, 1024×768×60Hz, 1280×768×60Hz, 1280×1024×60Hz, 1600×1200×60Hz, 1920×1080×60Hz, 1920×1080×50Hz
Signal Level	TMDS pwl, single pixel input, 165MHz bandwidth
Supported Standard	HDMI 1.3
USB Input	
Number of Inputs	1
Connector	Standard USB Connector
Supported Resolutions	Image: JPGE,BMP,PGN Audio: WMA,MP3,M4A(AAC) Video: MPEG2,MPEG3, MPEG4,H264, RM,RMVB,MOV, MJPEG, VC1,DivX,FLV

Specification	Control-Z Processor
DVI+VGA Inputs	
Number of Inputs	1
Connector	Standard DVI-I Interface
Supported Resolutions	VESA: 800×600×60Hz, 800×600×75Hz, 1024×768×60Hz, 1024×768×75Hz, 1280×1024×60Hz,1920×1080P×60Hz
Signal Level	TMDS pwl, 165MHz bandwidth
Audio Input	
Number of Inputs	1
Connector	Standard RCA socket
Audio Standard	48Kbps 24bit balance analog audio
DVI Output	
Number of Inputs	1
Connector	Standard DVI-I Interface
Signal Level	TMDS pwl, 165MHz bandwidth
Supported Resolutions	VESA: 800×600×60Hz, 800×600×75Hz, 1024×768×60Hz, 1024×768×75Hz, 1280×1024×60Hz, 1920×1080P×60Hz
VGA Output	
Number of Inputs	1
Connector	Standard DB15 socket
Supported Resolutions	VESA: 800×600×60Hz, 800×600×75Hz, 1024×768×60Hz, 1024×768×75Hz, 1280×1024×60Hz, 1920×1080P×60Hz
Signal Level	R, G, B, Hsync, Vsync:0 to1Vpp±3dB (0.7V Video+0.3v Sync) 75 ohm black level: 300mV Sync-tip: 0V
Audio Output	
Number of Inputs	1
Connector	Standard 1/4" socket
Audio Standard	48Kbps 24bit balance analog audio
Function	
Source Switch	support alpha key operation between VGA2 / DVI2 and other inputs
PIP	PIP for SD with HD and HD with HD
AV Sync	support
Extras	
Communication	RS232 USB TCP/IP
Power Supply	85-264V 2A IEC-3
Working Environment	0°C~45°C
Stored Environment	10% to 90%
Product Warranty	1 year